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#### ABSTRACT

This report on Kansas schools identifies educational facilities funding as being a difficult issue for public school districts for many years. Recent problems have surfaced as communities seek to construct and maintain buildings in an era of escalating needs. Those needs have frequently been related to expanding curricular innovations, new mandates, and the passage of time, which has taken its toll on buildings. The combination of events has produced a sizeable problem deserving great attention. The increased demand for resources to address increasing facility needs usually has been placed squarely on the local property tax. As school taxes have increased for instructional and other educational needs, there has often been little opportunity to devote scarce resources to facility needs. In consequence, a deficit has developed, in which facilities have received lower emphasis, while instructional priorities logically demanded the bulk of limited finances. In Volume 1 of this document, a case is made for increased attention to facilities and it is suggested that courts have shown preliminary interest in such facility concerns. It is further argued that state finance reform is an important issue and that school leaders and policymakers should increase efforts to find new and innovative solutions. Volume 2 contains technical appendices that present the statistical eyidence on which the conclusions reached in the first volume are drawn. The data were gathered primarily for Kansas school districts that wish to compare their relative positions to other districts in the state. (TES)

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# CAPITAL OUTLAY AND THE PUBLIC SCHOOL: ISSUES OF ADEQUACY AND EQUITY

Educational costs have risen dramatically over the last forty years. Estimates for future resource needs project a relentless upward spiral far into the twenty-first century, and concern about funding schools leads an array of issues threatening the longterm health of education. Solutions may be elusive and distant unless policy makers and school leaders can act quickly to reverse the widespread pessimism and frustration that have accompanied seemingly insatiable demands for increased resources. The complexity of fiscal issues facing schools demands that aggressive solutions must be sought if education and national economic productivity are to continue to flourish.

# Financing Rural and Urban Schools

Increased awareness of fiscal dilemmas among the nation's schools has also heightened recognition of problems experienced by rural and urban school districts. Rural and urban issues appear to be growing, and the emphasis has encouraged educators and policy makers toward more detailed analyses of fiscal adequacy and equity within individual states. Adequacy and equity have become expansive concepts, and the increasing concern over differing fiscal needs among rural and urban schools has introduced uncertainty into an already tenuous balance. Because the issues are so complex, some "searchers have suggested that disagreements about adequacy and equity can no longer be fully addressed by state-level and traditional interdistrict macro-perspectives.1 A natural consequence of increased scrutiny appears to be reflected in current dialogue about rural and urban adequacy and fiscal equity concerns.

Genuinely perplexing problems exist in financing rural and urban schools. Urban school needs are well documented, $^2$  and the plight of distressed cities is worsening. Urban



costs for education as disadvantaged populations increase. The ability of the nation's major cities to maintain educational services has been weakened in many instances, and the effect of fiscal exigency has been felt by cities of all sizes as school districts have increasingly been placed in competition for tax revenues with other governmental units. The result has been a call for increased awareness and priority for urban schools, accompanied by an increase in litigation addressing urban plight on constitutional grounds of adequacy and equity.

Issues confronting rural school finance are equally complex. Rural school systems are increasingly showing signs of distress and occasionally number among the poorest school districts in the nation. Rural school districts cover vast areas of the nation, encompassing large amounts of uninhabited land typically supported by agriculture or other depressed industries. Rural systems are increasingly plagued by narrow and eroding tax bases, burdensome educational reform costs, and changing demographics which have resulted in decreased political influence and higher costs distributed among fewer constituents. In a nation which has consolidated over 125,000 school systems to less than 16,000 in less than ninety years,3 the problem of financing rural schools from a diminishing and economically depressed resource and population base challenges immediate and effective solutions. While growing needs of larger school districts have forced attention to urban distress, the problems experienced by rural schools have also led to increased awareness of rural fiscal exigencies. Like urban schools, there has been an increase in litigation focusing on unequal opportunity among rural school systems.

States are facing new legal challenges resulting from how declining resources are distributed. School finance litigation has increased dramatically in the last two years, 4 and the propensity toward litigation has been accelerated by fiscal dilemmas. Rural and urban districts are among the challenges which claim that adequary and equity are violated



by state formulas which fail to effectively address needs. Expansion of equity to include rural and urban distinctions, increased advocacy of rural or urban issues, and a frequent inclination to seek solutions through the courts suggest that lawmakers and school leaders are vital stakeholders in the eventual solution to current fiscal problems. As states face an uncertain future with few hopes for a major fiscal windfall, those problems will likely be addressed in legal and policy arenas.

## Facilities: An Urban and Rural Issue

The impact of limited resources pervades all aspects of schools. One part or increased awareness of rural and urban fiscal problems has focused on the ability of school districts to provide educational facilities. Facilities represent a particularly difficult problem for districts because of their extraordinarily high cost in relation to other educational expenditures and because state assistance is often absent or limited.

The literature repeatedly emphasizes district facility needs. Emerging evidence suggests that concepts of adequacy and equity may be argued to apply to facilities. There is a growing concern that equality of educational opportunity is affected by all aspects of the educational enterprise, and that the state may have a responsibility to assist local communities in financing facilities. A quietly growing series of court comments on runding facility needs and a rapidly increasing body of research examining equity in facility finance suggest that how capital outlay is financed should be of vital concern to the states.

Concern about adequacy and equity in financing facilities and the growing importance of rural and urban issues have led to this monograph which examines facility finance from the perspective of adequacy and equity. It examines facility funding within the context of actual practice, estimated need, and potential state legal responsibility for viewing facilities as an issue of equal opportunity. This research develops an historical overview



of facility finance, traces the development of capital outlay as an issue of equitable concern, and tests adequacy and equity in actual facility funding practices in the state of Kansas. By operationalizing adequacy and equity within the facility context and by comparing rural and urban communities on a wide scope of measures, the size of the problem and legal potential of the issue may be evaluated, and policy makers may gain a useful perspective of a difficult and costly legal question.

Examining adequacy and equity in financing capital outlay raises serious questions which must be answered. Why is there concern about financing facilities? How do adequacy and equity apply? Are there significant legal issues which may affect facility finance in the future? How are other states addressing problems associated with funding facilities? Are there substantive differences between rural and urban school districts? What are the dimensions of the problem in a selected state? How adequate is current funding? How does current practice compare to facility finance needs? If common models for funding facilities in other states were implemented, what would be the rank order of resource equity achievement? What would be the estimated costs to the state of each alternative funding model examined? And finally, how could the analysis of adequacy and equity be applied to other states?

The questions pose difficult issues for which the answers are not clearly evident. Like most issues in education, the question of how to provide school buildings for children is complex, and the high cost of physical structures has been a significant deterrent to rapid progress in achieving adequate and equitable funding. But given the need to exhibit concern for all aspects of the educational enterprise and potential legal questions surrounding facility equity, answers to these important concerns appear to be vital to guiding effective and equitable policy development in the various states.



### Trends in State Assistance

Sophisticated formulas have been developed for state-level assistance in funding operating budgets, special education programs, transportation, and other school services. In sharp contrast, funding methods for capital outlay, specifically facilities, have generally been neglected in many states. Construction funding has especially been a low priority. A major cause has been reluctance to depart from a long tradition dating from an era when a smaller percentage of children attended school and building costs and programs were simpler. School buildings were such local possessions that they were often raised by hand with volunteer labor and donated materials and land. Obsolescence of facilities was nearly nonexistent, and demands of a largely rural nation on local tax bases for competing governmental services were minimal.

The turn of this century, however, marked the end of internal sufficiency and cloistered protection from the larger society. Bonding for facility construction became a necessity as school districts experienced rapid growth. Movement of the nation from an agricultural base to an industrial economy where cities and school populations rapidly expanded forced significant facility needs. Issues of tax base adequacy emerged, and assessed valuation of property and location of power plants, oil and gas facilities, railroads and other industries became critical to funding the local community's educational program.

But despite growing needs of school districts for larger revenues and expanded tax bases, financing facilities followed tradition in many states. School districts were forced to levy taxes for school building needs against local property wealth which was often too low to generate adequate revenue. Unlike emerging foundation and equalization formulas for general school aid, facility financing was dependent solely on local property wealth. That dependency was frequently exacerbated by statutory debt limitations, mill rate caps, and local referenda. As a consequence, while other areas of school funding changed



dramatically, financing facility repair, maintenance, renovation, and construction remained a low priority, shrouded in a tradition which saw education to be a local responsibility.

Although spiraling instructional expenses and resistance to state involvement resulted in overall low priority for improving facility finance structures, a number of states experimented with financial support as a consequence of special initiatives6 and significant national events. School building needs increased after World War I, but were not met because of severe economic depression. These needs dramatically increased after World War II, and states were encouraged and sometimes forced to examine local insufficiency to provide for educational facilities. Devastating economic events in the first half of the century had nearly halted facility construction, and the result was a severe backlog of building needs which had to be addressed. Increasing costs of education, demands for new curricular programs, and postwar mobility had absorbed nearly all available revenue, leading to at least minimal state involvement because of the need for enhanced revenue sources. State governments were additionally encouraged to become involved in facility finance as an inducement to overcome resistance to widespread unification of school districts in the 1960s. As a consequence of national stress and rapidly increasing needs, several states began to assist local districts with funding facility needs.7

Table 1.1 indicates that a small majority of states have effectively recognized the problems school districts experience in funding facilities. Although the extent of state assistance varies considerably, 28 states provide true grant-in-aid programs, and 22 states do not effectively assist local districts. Those states which aid facilities do so within a wide variety of participation schemes, resulting in substantial variations in levels of actual support. Although most states have recognized facility funding problems by providing state loans or allowing access to creative financing techniques, only the 28 true-aid states represent those that have created state aid mechanisms which actually



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Table 1.1 METHODS OF STATE PARTICIPATION

# 1988

True Gra	No Ald	
Alaska Arizona California Connecticut Delaware Florida Georgia Hawaii Illinois Kentucky Maine Maryland Massachussetts Mississippi	Montana North Carolina North Dakota New Hampshire New Jersey New Mexico New York Pennsylvania Rhode Island South Carolina Utah Vermont Washington Wyoming	Alabama Arkansas Colorado Idaho Indiana Iowa Kansas Louisiana Michigan Minnesota Missouri Nebraska Nevada Ohio Oklahoma Oregon South Dakota Tennessee Texas Virginia West Virginia

Source: Thompson, David C; Camp, William E; Horn, Jerry G; and Stewart, G. Kent. State Involvement in Capital Outlay Financing:
Policy Options for the Future. Center for Extended Services, March 1988.



reduce reliance on local property wealth for facilities. When states providing loans or allowing bond authorities and bond banks are included, the number which assi t facility funding increases to 45 of the 50 states.8

Features of basic assistance plans utilized by states are varied and unique. Despite the variance associated with adaptations, the basic plans provide a description of how states have assisted local districts with facility needs:

Full state support. Full state funding implies major state assumption of the local

building program. Under this concept, the state accepts major responsibility for education. In practice, states are more likely to employ a modified full state funding concept. Advantages to full state funding include the support of the wealth of the entire state by providing the broadest tax base and access to resources within a state. Full state funding adheres to principles of wealth neutrality which govern modern school finance. Disadvantages associated with full state funding have included higher than anticipated costs, concerns regarding local control of education, and fears about declining local initiative. 9 Equalization grants. Equalization plans resemble equalization formulas found in general fund financing. These grants to local districts are often established on some method by which aid increases as ability to pay declines. If power equalization principles are observed, the unique feature is that a district may choose to increase its contribution and qualify for corresponding state participati 1. Equalization grants may be part of the general funding formula or operate independently, but the critical element is the cost-share based on ability to pay. The greatest advantages to equalization aid for facilities are found in its consistency with wealth neutrality where districts are aided in inverse proportion to ability to pay and its relative preservation of local control. If a genuine attempt to create a power-equalization formula is made,



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however, a major weakness has been fears regarding the ability of

the state to optimally fund identified needs. In practice, power-equalized schemes have often resulted in a less than optimum aid ratio. A related disadvantage is seen in that districts which are in greatest need may not be able to afford the local contributions required to receive higher aid monies associated with open-end local choice.

Percentage-matching grants. Percentage matching plans are a more secure variant of power equalization grants. A method by which open-end or power equalized funding can be capped, percentage-matching grants may provide funds to districts on the same cost-share basis, but with a fixed level of state participation. Depending on the structure of the scheme, some flexibility may allow districts to qualify for incentive aid in return for increased local effort. Percentage-matching plans are subject to most of the same criticisms as power equalization. There is an added disadvantage that while power equalization formulas may cap themselves because of local decisions not to increase taxes to qualify for additional aid, overtly capping expenditure levels in percentage-matching plans acts to further reduce free local choice.

Flat grants. Flat grant provisions have been utilized by states to offer districts a set amount of money which is legislatively determined on sume distribution basis. The result is that while aid is not necessarily related to need, the district's cost is nonetheless reduced by the equivalent amount, and the district is free to relieve tax effort or to supplement facility choices. The advantage is that districts receive at least some funds where none previously existed, and local wealth dependency is reduced. While primary dependence on flat grants in general aid schemes has declined, utilization of the flat grant for aiding facility needs has continued. The major disadvantage is the missing relationship between ability to pay and aid received. Flat grants have also

been criticized because districts not needing assistance are often eligible to receive grants. Under those conditions, relative equity achievement is unaided because wealth disparities are at least preserved and frequently increased.

State loans. Loan programs represent a frequent method by which states have provided funds to school districts, often with favorable interest rates and strong security ratings for investors. A major feature of loans is repayment by the local district to the state, generally with interest costs. Advantages are similar to grants in that money becomes available to districts through state channels, and favorable treatment on loan terms and interest rates may reduce repayment costs. In some instances, loans may be forgiven if the district is unable to repay. The primary assadvantage, however, lies in the detrimental relationship of wealth and ability to pay, and districts in the greatest need may be least able to afford the added expense of borrowed money.

in some states to allow for utilization of private capital to construct and lease or lease-purchase school buildings. Building authorities provide local construction funds without major concern for debt limitations. Percent of assessed values and availability of limited state revenues are not considerations because they are often not subject to normal requirements found in traditional bonding. Because they are intended to be profitable for investors, they frequently attract large sums of readily available capital. The major advantages of building authorities lie in the ability to tap resources unrestricted by a low tax base, and the process of building schools may be shortened significantly. Opponents, however, cite avoidance of voter referenda and the potentially higher net cost associated with for-profit enterprises. Opponents see grave consequences which they believe to be inimical to democratic principles and local control. 10



Examination of Table 1.1 and description of various finance methods used by states indicate that despite reluctance to assume a significant role in financing facilities, a majority of states currently provides some amount of true aid to funding facilities. The additional 17 states providing statutory recognition or loans bring the total number of states involved in facility finance to nearly 90 percent, with only two states failing to recognize facility finance. If But despite the near unanimity of states which recognize the importance of financing facilities in some form, limitations on available revenue frequently prevent meaningful assistance. The net result is that 22 states do not ofter aid for facilities sufficient to reduce local wealth dependency, and the actual equalizing effect and genuine impact in the 28 true grant-in-aid states is not widely known.

The data indicate that states have recognized the importance of funding facilities, but the lack of genuinely meaningful assistance in 22 states raises widespread questions of adequacy and equity in an era when legal challenges to general finance mechanisms are increasing. Those questions become particularly relevant because challenges have frequently cited concerns about facilities, and notice within the context of rural and urban settings is currently increasing. Rural and urban school districts are facing major difficulties in funding facility needs, and those states which provide no meaningful assistance to capital outlay may face claims of unequal educational opportunity relating to facilities. Given those conditions, evaluation of the question of legal responsibility for state participation in school building costs, assessment of current practice, and comparison to actual needs should be a present concern for educational leaders and policymakers.



#### FOOTNOTES

- 1. William E. Camp and David C. Thompson. "The Impact on Public Education of School Finance Reform and Finance Reform Initiatives." <u>Journal of Education Finance</u>, v14, n1, Summer 1988.
- 2. For example, see a scathing report by the Community Service Society of New York, <u>Promoting Poverty: The Shift of Resources Away from Low-Income New York City School Districts</u>. Department of Research, Policy, and Program Development, 1987. Other widespread evidence of urban difficulties exist, such as San Francisco's attempt to pass a \$90 million bond issue which would serve merely to restore broken glass, provide paint for walls, and other general upkeep items in the district. Similarly, the problems in the Kansas City school district over the costs of desegregation, diminishing tax base, and urban plight demonstrate problems faced by large city districts.
- 3. McRE's. "Policy Notes," v2 n3, Spring 1987.
- 4. Ibid., William E. Camp and David C. Thompson. "The Impact on Public Education of School Finance Reform and Finance Reform Initiatives." <u>Journal of Education Finance</u>, v14, n1, Summer 1988.
- 5. R. Salmon and S. B. Thomas. "Financing Public School Facilities in the 80s." <u>Journal of Education Finance</u>, v7, n1, Summer 1981.
- 6. For example, Alabama instituted funding for rural school buildings in 1901. Two years later, Delaware aided the building of facilities for black, and in 1909, South Carolina instituted a similar program. Also in 1909, North Carolina and Virginia began offering state loans, for assisting local districts with the cost of school facilities.
- 7. David C. Thompson, William E. Camp, Jerry G. Horn, and G. Kent Stewart. <u>State</u>
  <u>Involvement in Capital Outlay Financing: Policy Options for the Future.</u> Kansas
  State University Center for Extended Services, March 1988.
- 8. Íbid.
- John A. Thompson. "Funding and Spending in Paradise: Notes on the Hawaii Model of School Finance." <u>Journal of Education Finance</u>, v12, n3, Fall 1986.
- 10. For example, a South Carolina court has allowed local school districts to build schools through a lease-purchase option. Prior to the ruling, South Carolina had been one of the few states that did not permit school districts to finance major renovation projects through lease-purchase. Those who opposed the ruling argued that it allowed districts to circumvent the state constitution which requires districts to seek permission from voters to acquire debt beyond statutory limits. In the wake of the ruling, the South Carolina School Boards Association announced plans to sponsor a \$30-40 million lease-purchase plan to construct schools in several districts.
- 11. States failing to provide statutory authorization or not mentioning facility methods are Arkansas and Wisconsin.



# CHAPTER 2

# LEGAL RESPONSIBILITY FOR STATE INVOLVEMENT: EMERGING TRENDS

# The Concept of Finance Equity

Although achievement of equity has been the governing premise for court decisions in school finance reform over the last twenty years, equity is a concept which continues to elude absolute definition. As difficult as it has been to define adequacy, equity has been even more difficult to capture. As Rossmiller 12 points out, equity has been variously argued with striking differences in outcomes, and Berne and Stiefel 13 have similarly argued that equity is subject to a selected frame of reference. The result appears to be that the definition of equity is incomplete, and the cogent observation by Alexander that "what is equitable depends to a great extent on the orientation of both the dispensers and receivers of equity" 14 continues to confound immediate accord on the nature and extent of equity.

While unqualified definition remains arguable, certain conditions appear to be elemental to achievement of equity. Berne and Stiefel<sup>15</sup> suggest that equity may be conceptualized on horizontal, vertical, and equal opportunity dimensions and that these principles may be considered relative to pupils and taxpayers as the objects of equity. These broad categories are useful in framing an evaluation which seeks to capture the essence of court struggles as they may apply to facilities. Because adequacy is a precursor of genuine substantive effect of equity, the starting point in defining equity ultimately comes to be based in measuring horizontal wealth neutrality for both pupils and taxpayers while checking for revenue sufficiency. In narrowing the focus of equity to facilities, it would then seem useful to define equity in terms of three dimensions: pupil access, wealth relatedness, and taxpayer effort within the concept of adequate resources.



The first dimension thus seeks equity achievement through <u>resource accessibility</u>, arguing that students within a state should have equal access to resources app. opriate to their needs. A primary effort to equalize expenditure levels for pupil equity, resource accessibility would seek to adjust unacceptable restrictions to educational opportunity which are related to variations in resource inputs by infusion of state aid into relatively poorer school districts.

The second dimension of wealth relatedness focuses on residence-related variations in resource accessibility. Often referred to as <u>ex post</u> fiscal neutrality, this dimension of equity would seek to ensure that variations in per pupil revenue are not unduly limited by local wealth; rather, variations would instead be related to local preference and determined under conditions of free choice. Thus, <u>ex post</u> fiscal neutrality is effectively a second pupil equity standard exhibiting an equal educational opportunity concern across a state. The objective of <u>ex post</u> fiscal neutrality has been a major impetus behind the last twenty years of fiscal equity litigation.

The third dimension of tax effort exhibits concern for taxpayers by seeking equal revenue yield under equal taxing conditions. Often referred to as ex ante fiscal neutrality, this condition of equity would suggest that residents of a school district should receive equal protection of the laws consistent with pupil equity standards, whereby educational opportunity across a state should not not be unduly limited by residence or local economics. When applied to taxpayers, equity would seek to provide all pupils with resources roughly equivalent to their needs and under conditions which generate revenues by roughly equivalent taxing effort. This principle of taxpayer equity has been central to foundation and equalization formulas for general school aid by mechanically adjusting for unequal distribution of wealth-related educational opportunities.



These three principles are concerned with students and taxpayers, and they assume that the quality and accessibility of educational opportunity is at least significantly related to fiscal resources. They frame a working definition of equity reflected in school finance reform. The definition states that students should have access to resources to meet their individual needs regardless of residence, and that taxpayers have a right to expect the state to support education to such an extent that variations in local wealth will not have an adverse effect on local ability to provide an adequate educational system.

While other confounding factors exist which ultimately affect pupil access to educational services, these elements of equity provide a framework for evaluating the extension of the reform movement to facility finance.

Although these principles seem sensible, they have not been easily or fully achieved. Part of the failure to achieve complete equity has come from resource inadequacy, and another part has come from a struggle over who has ultimate responsibility to fund education. It has been difficult to define equity and even harder to establish willing responsibility for achieving it. States have only recently accepted the burden, primarily as a result of leading court cases in which battles over the fundamental value of education were fought. The outcome of those struggles determined that the federal government in Rodriguez 6 denied the guarantee of protection under the Fourteenth Amendment's equal protection clause, and the widespread effect of Serrano 17 launched a reform movement which placed a major responsibility for education on the states, particularly in those states where constitutional language established education as a fundamental right.

The <u>Rodriguez</u> decision in Texas caused reformers to turn to state courts. The logic was simply that if federal protection was denied, then protection under individual state constitutions might prove to be a way to force states to substantially equalize educational expenditures. In many instances, the strategy was effective as the language of some state constitutions was construed to deem education to be a fundamental right. In other



instances, states responded to <u>Serrano</u> under the belief that if challenged, their finance system would be judged inequitable. The onslaught of state court challenges to equity begun by <u>Serrano</u> sparked a major reform movement which was to significantly alter educational funding in most states.18

The impact of <u>Serrano</u> was widely felt. Equity principles in <u>Serrano</u> were closely aligned to the operational definition of equity expressed by resource accessibility, <u>ex post</u> and <u>ex ante</u> fiscal neutrality. In ruling that equity requires education to be a function of the wealth of the state as a whole, the failure to correct extreme variations represented an abdication of the state's constitutional requirement to establish an adequate system of schools open to all its residents. In <u>Serrano</u>, a primary responsibility of the state for funding education was clearly established.

The net effect of Rodriguez, <u>Serrano</u>, and other cases ruling affirmatively for equity was that states had to find means by which to adjust for wealth variations. Many states rushed to realign their finance formulas on the presumption that, if challenged, their systems for financing schools would be found lacking in equity. Because redistributing property wealth was not physically possible, states were forced to devise equalization methods by which tax revenues would be redistributed under conditions seeking to achieve resource accessibility, <u>ex post</u>, and <u>ex ante</u> fiscal neutrality. Yet fiscal equity, hardfought and not completely won, came to be viewed as the cornerstone on which state funding mechanisms must be based. The retate's partnership with the local community in providing an adequate and equitable educational system was at least constructively established by law.



# Extension of Equity Principles to Facilities

Although the effect of equity reform was widespread, there was a common belief that equalization principles applied only to general fund expenditures. Yet reliance on local wealth for funding facilities rends the integrity of reform where a continually expanding definition of equity has enveloped nearly all general fund expenditures, has engendered huge special education mandates, and has even extended to transportation on the premise that equal opportunity encompasses the able, the disadvantaged, and even the geographically isolated child. Equity assumes that resources will be adequate, that their distribution will be widely accessible and appropriate to children's needs, and that their impact on learning is significant. Reliance on local property wealth to fund capital outlay and facilities, however, opens the question of vulnerability of many states' programs if challenged. In the words of Governor Calvin Rampton as he addressed the Utah Conference on School Finance in 1972:

"...if we think there are inequities in state systems for funding current expenditures of public schools, just wait till we examine the way we finance school buildings!"19

Despite the recognition of jeopardy envisioned by Rampton and others, facility finance has not received the same attention in the courts as has other equity concerns. The reasons examined earlier (burgeoning direct instructional priorities, relative invisibility of relationship between facilities and educational programs, lingering tradition which resists state encroachment on local choice, and widespread assumption that equalization principles did not apply to facilities) appear to have been major contributors to the incompleteness of the equity fabric. Yet there are indicators which suggest that facilities may have been a dormant element of equity and that the courts are taking greater interest in the problems faced by school districts in funding facilities.



# Court Decisions Involving School Facilities

For fifteen years, courts have criticized the methods available to local districts for funding school building projects. Generally an addendum to larger equity decisions, direct reference to capital outlay has been made in numerous court cases. Accordingly, extension of general equity principles to facility funding may be legitimately hypothesized.  $\underline{\text{Shofstall v Hollins}}^{20}$  in Arizona noted that funds for capital improvements were more closely tied to district wealth than funds for operating expenses and that the capacity of a school district to raise revenue t, bond issue is a function of assessed valuation. The court noted in Robinson v Cahill that the state's obligation included capital expenditures, without which required educational opportunity could not be provided. In order to satisfy the court, provisions were made in  $\underline{\text{Serrano II}^{21}}$  for deferred maintenance funds. The court noted in Board of Education of the City of Cincinnative Walter 22 that a thorough and efficient system of schools is not met if "...any schools are starved for funds, teachers, buildings, or equipment." The court also showed a concern for capital outlay funding in Diaz v Colorado State Board of Education, 23 stating that some districts were better able than others to provide adequate facilities, and in Lujan v Colorado State Board of  $\underline{\text{Education}}^{24}$  the court concluded that the fiscal capacity of school districts to raise revenue for bond redemption and capital reserve was a function of property wealth.

More recently, capital outlay financing was an issue in <u>Christiensen v Graham</u><sup>25</sup> in Florida and <u>Helena Elementary School District v State of Montana</u>. Although the Florida court ruled in summary judgment that the state system for financing education did not violate equal opportunity, Florida has been among those states leading the nation in assisting facility finance. The Montana court, however, found in sharp contrast that the state's system of funding public schools was violative of the state's constitution, and the court attacked facility dependence on local school district wealth. Similarly, capital outlay



emerged in Edgewood Independent School District v Kirby.<sup>27</sup> In Edgewood, a district court judge declared the "exas system of school finance unconstitutional, and the ensuing court order required the legislature to find a mechanism which would guarantee adequate funding for educational expenditures, including facilities. The court enjoined state aid distributions under the present finance system, but stayed the order to allow the legislature appropriate time to remedy the conditions. Although an appeal court reversed Edgewood late in 1988, the argument over facilities contributed to the growth of concern about local wealth dependence for facility needs. The potential for ongoing struggle through continued appeals to the state's highest court highlights the pervasive nature of finance concerns and its applicability to facilities.

The best analysis of potential breadth of the concern for financing school buildings is seen in Pauley v Kelly. 28 Originally filed as a broad concern for inaccessibility to a quality education in West Virginia, Pauley became the first instance in which a court identified a concentrated concern for equal opportunity as defined in part by adequate school buildings. A lower court ruling for the defendants was reversed by the West Virginia Supreme Court which found education to be a constitutional right, that a constitutional right required high quality across the state, and that failure to meet the criteria could not be attributable to the state. The court in Pauley saw a primary flaw in the state's finance scheme because of the reliance on local property wealth for providing quality education, extensively defined to include school facilities.

The implications in <u>Pauley</u> for funding capital outlay are significant. The court went to historic lengths to describe the scope of quality education and clearly indicated that facilities were integral to equal opportunity. The court-ordered master plan for improvement included broad facility mandates and specified in detail that each school would provide adequate space and quality for each area of the curriculum. The court ordered, for example, that every elementary school must have an art room for each 350-500



pupils, and that every secondary school of 500 students would need at least one art room. Even storage areas were detailed, and similar minute specifications were provided for each academic and activity function at the elementary, junior high, and high school levels. While the

operation of politics and fiscal restraint have served to modify the scope of <u>Pauley</u>, the case remains as a standard against which the potential for capital outlay as an issue of equitable concern can be assessed. The exhaustive definition of a quality education found in <u>Pauley</u> and the court's willingness to define for the state what was expected by equity and equal opportunity signalled an awareness that facilities may play a meaningful role in setting the stage for educational success.

The issue of rural and urban plight has also emerged in the court challenges to state finance mechanisms, and problems in funding facilities have emerged as substantial concerns. The Kansas City schools are facing major problems associated with a court ruling which seeks to impose stringent improvements on the city's schools, including an order to issue \$150 million in capital improvement bonds to correct facility conditions which the court described as "...literally rotted."29 Growing sensitivity toward urban needs, including facilities, is also dramatically illustrated by Abbott v Burke 30 in New Jersey. In a 607 page decision handed down in August 1988 (more than seven years after the original complaint in Abbott was filed and more than sixteen years after the New Jersey state finance formula was ruled unconstitutional in the original case of Robinson, an administrative law judge ruled that the state's system of school finance could be found by a court to violate the state constitution. The court observed appalling educational needs in poor districts, vast program and expenditure disparities between poor urban and property-rich suburban school districts, and the role of socioeconomic status and geographic location in determining equal educational opportunity. The attack on the New Jersey system for financing schools almed a sharp blow at funding primarily derived from



local property taxes. Detailed in the decision were multiple instances of disadvantage to the state's large urban centers. In recommending changes for the state, the administrative law judge noted that changes would be required: enhancing the powers of the state to move students between districts, reconfiguring district boundaries to eliminate overly large and small districts, and combining a high foundation and plan with comparable categorical funding for transportation and ald to facilities.

Court challenges to methods for funding rural and small schools also exist and are exemplified in a current Tennessee case which sites facilities as an issue. Tennessee Small Counties System v McWherter<sup>31</sup> was filed by 66 small school districts, alleging that the state has denied equal protection to smaller and poorer school districts by failing to provide adequate funding under the state constitution. The focus in the Tennessee case alleges nearly the reverse image of urban difficulties, charging that the state finance mechanism strongly favors urban and suburban areas of the state and denies rural and small communities equal access to funding. The plaintiffs charge that operation of the state finance mechanism provides an inadequate state foundation plan (TFP), inappropriately supplemented through local rales and property tax revenue.

The plaintiffs in <u>Tennessee</u> offer evidence to support the contention of inadequate revenue capacity in rural and small districts. Plaintiffs charge that while equalization is present in the TFP, it is not sufficient to offset differences in sales tax revenue resulting in 1500 percent available resource disparities. Plaintiffs charge that the constitutional requirement guaranteeing education as a fundamental right cannot be met where Tennessee schools rank last in educational expenditures nationally, where state foundation and underfunds an 'adequate' expenditure level by 43 percent<sup>32</sup>, and in which school districts lose accreditation if they fail to meet minimum standards imposed by the state. The evidence cites small school districts which because of insufficient local wealth capacity as defined by property wealth and sales tax revenue must use worn and outdated texts,



cannot meet state minimum pupil-teacher ratios, provide less comprehensive course offerings, must offer split-grade classes, and cannot purchase laboratory and computer equipment. The complaint filed in county court notes that "...in today's society and economy, deprivation of necessary and appropriate courses, facilities, extracurricular activities and materials constitutes a violation by defendants of the rights of the plaintiff students and parents to a minimally adequate education..."33 The Tennessee case seeks injunctive relief, specifying violation of the state and federal constitutions, demanding reformulation of the state finance structure, and to enjoin defendants from acting pursuant to existing law until the case is decided.

The cases in New Jersey, Missouri, and Tennessee are representative of various states' experience in funding rural and urban schools and their relationship to school facilities. As awareness of rural and urban fiscal exigency grows, other states are considering legal action. In Arizona, rural schools are considering a challenge to the state's finance formula. Other states are experiencing fiscal problems, as in Ohio where 38 districts were forced to seek state ball-out funds totalling nearly \$30 million including ald for facilities. 34 A Texas panel has recommended \$100 million in emergency capital outlay funds,  $^{35}$  California voters have been asked to approve more than \$800 million in facility  $\operatorname{ald}_{*}^{36}$  and a South Carolina judge has allowed school districts to engage in lease-purchase deals to help relieve more than \$1 billion in facility needs. 37 These problems seem endemic to a nation of vast contrasts between large metropolitan populations and vast rural areas where problems of tax base erosion, overburden, and other inordinate costs become significant. Ultimately, challenges to finance schemes are engendered by distress, which is itself a product of inadequate resources. When inadequacy is linked to a distribution scheme believed to be inequitable, litigation is a natural consequence,



What appears preeminent is that awareness of rural and urban issues is growing, that an increasingly sharp advocacy on rural and urban issues is coalescing, and that states will continue to be challenged over methods of funding schools. These tensions result from difficult economic and governmental judgments about the distribution of inevitably finite resources, and the unavoidable consequence points to continued litigation. The longstanding legacy of court comments on funding facilities, the increasing notice by courts of facility concerns, and the emerging court agenda addressing rural and urban concerns, suggest that support for facility funding in all fifty states poses significant questions which deserve serious research and evaluation.

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## CHAPTER 3

## RESEARCH ON FUNDING AND SCHOOL FACILITY NEEDS

State assistance to capital outlay funding has been a research interest for many years, and the absence of substantial aid to facility projects in many states has not been due to a lack of research evidence. The early research literature focused on identifying problems associated with capital outlay funding, and as early as 1922, the literature was suggesting practical ways for states to assist local districts. Proposals for state assistance varied widely, but they consistently focused on the concept of ability to pay. Proposals were frequently advanced, but none were universally popular, and few were accepted enthusiastically by legislative or educational leaders.

Early efforts focusing on applied methodology led to more recent attempts to identify problems and to provide more sophisticated responses to national concerns. The growing awareness of problems faced by local school districts in providing facilities prompted the federal government to implement Public Law 874 which provided impact funds for the states whose local tax bases were affected by federal installations. The National Education Finance Project (NEFP) undertook a major survey of legal bases, procedures, and practices for funding facilities in the fifty states and suggested new models for facility finance. Although the NEFP was the last major effort on a national scale, interest in facility funding has continued, and a growing series of research articles, dissertations, and legislative studies have confirmed concerns about adequacy and equity.

## Adequacy, Equity, and Needs

The majority of equity research in capital outlay has been conducted since the mid 1960s. Although the emphasis has been more on current problems than on classic equity measurement, findings have been consistent. Plainly, heavy reliance on property wealth



has had a deleterious effect on the adequacy and condition of facilities. The research has overwhelmingly indicated that increased state involvement provides a neutralizing effect on local wealth dependency as the principal determinant of facility adequacy, and that the operation of local wealth has had a detrimental effect on the quality of programs offered to students. The troublesome relationship between wealth and facilities is consistently identified in wide disparity of ability to service capital outlay and debt retirement. These conditions have been heightened by inflation, population changes, educational program growth and improvements, and normal deterioration of facilities. The evidence points sharply to advantages held by wealthier districts which can tax less for services, produce more revenue per pupil, and provide a better education. While effort has been made to improve equity in most funding areas, the evidence continues to demonstrate that the absence of state assistance in funding facility needs violates fundamental equity principles, 38

# Local Capital Improvement Needs

The literature weaves together the areas of equity and specific facility needs.

Problems confronting rural and urban schools have been prominently noted. Repeatedly, the Literature emphasizes a backlog of needs among districts of all sizes, and their relative ability to pay for unmet needs is documented. The American Association of School Administrators, in cooperation with the Council of Great City Schools and the National School Boards Association, reported estimates for maintenance backlog in excess of \$25 billion in the nation's schools, and reports from the individual states confirm and detail the staggering estimated needs.<sup>39</sup>

The literature indicates that modernization and replacement are growing needs, while other uncontrollable influences such as handicapped accessibility, Title IX, asbestos control, and expanding curricular needs including technology have outstripped local



budgets.<sup>40</sup> The concept of deferred maintenance and construction has yielded huge amounts of unmet needs in the various states. A 1987 survey by the Oklahoma State Department of Education estimated that more than \$622 million in needs had gone unaddressed in that state, and if all districts were to extend themselves to the legal maximum for capital outlay purposes, needs would still exceed \$125 million.<sup>41</sup> In 1987 North Carolina similarly noted \$3.2 billion in unmet needs and enacted new legislation addressing part of the state's facility shortcomings by providing more than \$793 million in new state monies.<sup>42</sup> In 1988, California voters approved Proposition 79 authorizing \$800 m 'ion in bonds to address some of that state's needs for renovation and new construction,<sup>43</sup> and evidence submitted in Texas suggests that a total of \$5.4 billion will be needed to fund facility projects by 1996.<sup>44</sup> The results of these representative instances are repeated throughout the states which have undertaken studies, indicating that inattention to mechanisms for providing facilities in this century has resulted in accumulation of large needs which have been inadequately addressed.

Identified needs have been extensive, and some research has begun to examine levels of need and ability to pay in rural and urban settings. Evidence on deferred maintenance, construction and equity between districts is beir 3 linked with rural and urban issues in Kansas where a growing body of evidence indicates that districts are operating at varying levels of budget stress which may have led to increasing facility problems. In 1985, a study of Kansas school districts found that fully 10 percent of all districts were unable to fund an average practice budget per pupil of \$54.75 for capital outlay purposes under uniform tax effort. Serious concerns were posed about resource accessibility, wealth neutrality, and taxpayer equity where local ability to generate revenue differed by nearly 700 percent, leading to important doubts about whether average practice was sufficient to truly meet actual needs. 45



Rural and urban issues in Kansas were examined in separate studies in the same year. A survey of rural school districts of less than 1,000 enrollment found the average age of buildings was sufficiently high to question continued service, that maintenance decisions were significantly related to debt levels, and that estimates for maintenance deferral approached \$60 million.\$46 Similar evidence was found in the state's urban school districts where it was concluded that a positive relationship between local wealth and condition of facilities had significantly contributed to needs for deferred maintenance exceeding \$321 million.\$47 In 1988, the concepts were extended in a further survey of Kansas school districts which found a strong relationship between condition of facilities and local tax bases, leading to conclusions that many rural and urban school systems within the state were exerting significant effort for facility projects with inordinately differing results and were losing the battle of unmet facility needs because of local wealth insufficiency. $^{48}$ 

Because facility repair, maintenance, renovation, and construction remain outside many states' formulas for funding schools, serious questions arise. These questions inevitably relate to local inability to fully fund capital outlay needs and raises concerns about whether states have an obligation to become involved in meeting educational facility needs. In Kansas, such indicators suggest that dependence on local wealth to finance facilities violates accepted principles of equity, results in wealth-related condition of facilities, relies substantially on local property wealth as a determinant of the quality of facilities, assumes a negative effect between state funding mechanisms on the relationship between facilities and educational programs, and suggests the need for additional research into the extent to which rural and urban areas of the state are substantively affected by the operation of state funding mechanisms for capital outlay.

The estimates of unmet needs in various states and the research in Kansas on equity indicate that the relationship between facilities and educational programs may become more intensely observed by the courts. Given indications of court consternation, growing



awareness of rural and urban distinctions, and attention evident in research, critical examination of capital outlay financing is not likely to diminish in the near future. The combination of research knowledge and legal implications frame the legal jeopardy questions within which existing state policy should be evaluated.

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# CHAPTER 4

ANALYSIS OF EQUITY ACHIEVEMENT UNDER COMMON FUNDING OPTIONS

Determining adequacy and equity lies in measurement. The enormity of needs

throughout the nation poses uncertainty about the outcome if potential court challenges to

finance mechanisms emerge. The growing litigation involving rural and urban population

segments also suggests that research should determine if substantive differences

inordinately divide these groups on the larger issues.

Kansas provides the opportunity for representative research because it is among the 22 states which provide no assistance to local school districts for facility needs. Research has suggested a sizeable need for facilities in Kansas based on deferred maintenance and construction, and the relationship between equity and local wealth has been hypothesized. Research into rural and urban subgroups of the state has been conducted, and the results have indicated the appropriateness of the continued exploration found in this monograph which links average practice expenditures with estimated need in the context of legal jeopardy.49

The research in Kansas can assist policy makers and school leaders in evaluating state policy. The framework can be widely replicated among the various states, and the modifications for additional alternative questions can be easily integrated into the model.

Policymakers in all states should reflect on substantive research questions. Many questions which guided this monograph were addressed earlier and will be summarized in Chapter Five. In addition, this research sought answers to the following questions:

- (1) What are the common problems in funding facilities?
- (2) Are there important adequacy and equity differences between rural and urban school districts?
- (3) Are districts able to levy adequately for facility needs?
- (4) What are the state's characteristics when evaluated for resource accessibility, student, and taxpayer wealth neutrality?
- (5) Which alternative method for funding capital outlay shows the greatest amount of resource accessibility, wealth neutrality, and horizontal taxing equity under simulation in relation to funding both current average practice and estimated need?



- (6) What is the rank-order among alternatives regarding equity?
- (7) Importantly, what would be the estimated cost to the state of each alternative funding model examined?

Answers to these questions are important in any state. Kansas was selected to examine for equity achievement under four common methods for capital outlay funding. The state's largely rural nature, its dependence on local wealth for facility funding, and the current interest by some organizations in the state to introduce state aid provided an ideal opportunity to test hypothetical models under realistic state policy conditions. Models were selected which represented functional simplicity, attempting only to demonstrate quantitative and substantive differences in the relative degree of equity approximation within the context of adequate levels of funding. The models simulated included (1) total local control operating as the current mechanism in Kansas and those states which offer no support to local districts, (?) full state funding operating with recapture provision for excess wealth, (3) an equalized grant ranging hypothetically from 0-100 percent with no recapture, and (4) a flat 50/50 cost-share grant where all districts levy uniformly and receive a grant from the state without regard to local wealth. Finally, a consideration of incorporating capital outlay into the existing equalized general fund formula is discussed among the conclusions and recommendations. By comparing adequacy and equity under twin concepts of average practice and estimated needs, policymakers may observe the nature and extent of the problem with startling clarity.

# PART I STUDY DESIGN

# Operationalizing Equity Principles

If equity is to be measured, it must be set apart from abstraction. As Berne and Stiefel have indicated, measurement of equity requires deliberate value judgments about what will be measured. Selection of objects to be measured implies a hierarchy of



values which chooses between competing objects to be examined. Fiscal equity research most frequently prefers pupils over taxpayers.

This research places higher substantive emphasis on pupil equity, although concern for taxpayers is important and represented. Pupil emphasis in this research first seeks to achieve horizontal equity by placing all districts at a similar starting point for comparison and then seeking alternatives which are sensitive to resource flow in inverse proportion to ability or which flow in sufficient amounts without regard to local tax yield. The assumption accepted in this research is that vertical equity should be a secondary priority in facilities because adequacy and equality of opportunity should first be achieved.

Similarly, this research demonstrates concern for taxpayer equity by focusing on the horizontal dimension of equal yield for equal effort, rather than on more complex vertical equity considerations. As such, this research focuses on the effects of introducing state aid to capital outlay. Resource accessibility, ex post fiscal neutrality, and ex ante fiscal neutrality are used to assess the outcomes.

Alternative methods for financing capital outlay are examined for adequacy and equity and their relative ability to demonstrate independence from local wealth. Adeq 'cy is examined before equity because sufficient resources are the prime concern. Adequacy is defined in this research as (1) ability to fund an average practice model (APM) for capital outlay expenditures, and (2) ability to fund an estimated need model (ENM). Adequacy for pupils and taxpayers is satisfied when all districts are capable of funding the model.

Equity is then examined under resource accessibility, <u>ex post</u>, and <u>ex ante</u> fiscal neutrality. For pupils, operationalizing resource accessibility requires that resources to fit pupil needs should be available equally throughout the state. For taxpayers, it requires sufficient revenue to meet those needs under uniform tax effort. When the APM and the ENM are fully funded, resource accessibility is achieved.



Ex post fiscal neutrality examines pupil equity by restating and extending resource accessibility. Ex post fiscal neutrality requires absence of positive linkages between wealth and residence, attributing expenditure disparities to local free choice rather than tax base inadequacy. The issue becomes the aggregate wealth of the state. As Friedman<sup>51</sup> summarized, ex post fiscal neutrality is probably violated if high wealth districts [can] consistently spend more than low wealth districts. When sufficient aid to fund the APM or ENM is received without regard to local wealth or when aid is inversely related to ability to pay, ex post fiscal neutrality is achieved.

Finally, ex ante fiscal neutrality examines taxpayers. As Friedman again summarized, ex ante fiscal neutrality seeks equal yield for equal effort, desiring a choice mechanism whereby the community freely determines its level of expenditure and the difference between capacity and need is funded by the state. This research measures ex ante fiscal neutrality as the relative ability of districts to fund the APM or ENM under equal taxing conditions. When districts levy uniformly and receive sufficient aid to fund the APM or ENM irrespective of local effort or aid is inversely related to ability to pay, ex ante fiscal neutral is achieved.

#### Establishing Average Practice and Need Models

Adequacy has historically been defined as average practice which may be something quite apart from actual need. While earlier research in Kansas has examined average practice and need as separate conditions, this research compares average practice with estimates of need.

In setting a target level of funding which represents adequacy for facility needs, several issues were considered. In its general fund equalization formula, Kansas utilizes a median expenditure to set budget controls for enrollment categories. Enrollment categories are size ranges in which differential costs based on economies of scale are



recognized. Allowable costs per pupil increase as district size declines because of commensurately more expense per pupil, except in the largest districts where the state also adjusts costs upward to reflect special needs.

Although the state uses medians as the measure of resource adequacy, a median budget per pupil for capital outlay average practice and need models was rejected. A mean budget per pupil for both average practice and need was believed to better represent actual spending patterns and estimated need because districts may have inordinate or no annual costs for a single year. An average practice model (APM) was constructed from data on actual levy experience spanning the years 1985-88 and entered into a formula which summed actual revenue receipts and divided by the number of pupils in the state for the same three year period. The formula yielded a single budget per pupil value (APM) which defined resource adequacy as current practice. The APM then served as the target which each alternative resource simulation sought to satisfy. When all districts could met or exceed the APM, adequacy and equity (as defined by average practice) were achieved.

Separate APMs were compared for the entire state and for rural and urban subgroups.

The APM was then inserted into each alternative mechanism for funding capital outlay and compared against each district's actual wealth per pupil (WPP). Wealth per pupil was defined as the total mills levied in the state for capital outlay and debt service divided by the number of districts. The result was a mean levy for capital outlay and debt service which was used to derive each district's per pupil capital outlay ability by multiplying it against the local unadjusted assessed valuation divided by the fulltime equivalency (FTE). Subtracting wealth per pupil from the APM then determined each district's ability to fund the APM or ENM so that adequacy and equity could be assessed for each revenue model.

A need model was also derived because of the obvious flaw inherent in an average practice model. An average practice model is highly useful in comparing current practice among districts, but it cannot be assumed to exhibit genuine adequacy or equity because it



may severely underestimate need and reflect various restraints. An estimated need model (ENM) was constructed from the work by Honeyman<sup>52</sup> and Devin<sup>53</sup> by summing their need estimates and dividing by the FTE to derive a target need budget per pupil. Three ENMs were derived in order to separately assess the entire state and rural and urban populations. Local adequacy could be estimated by subtracting the ENM from per pupil wealth under each revenue model. Because earlier works had either estimated adequacy as it is limited by fiscal constraints or had estimated need without assessing equity achievement, the present research was able to reflect upon the substantive difference between average practices and genuine need.

#### Statistical Measurement of Equity

Assessing adequacy and equity requires measurements in order to compare and rank-order the desirability of the alternative funding methods. Eight statistical measures were used. These measures provided multiple assessments and represented the four empirical groupings suggested by Berne. The purposes and benefits derived from the eight measures can be summarized:

<u>Unrestricted range</u>: The unrestricted range (UR) demonstrates raw ability of districts across the state under uniform tax levy. Focusing on distribution extremes, the unrestricted range subtracts the bottom from the top to capture the spread. As the UR decreases in value, equity is presumed to increase.

Restricted range: The restricted range (RR) demonstrates the range after extreme outliers are removed. The restricted range exhibits the bulk of the distribution because the top and bottom five percents of outliers have been stripped away, leaving the clustered group. It may logically be expected that the range will decrease in value over the unrestricted range, thereby achieving greater equity appearance by ignoring



outliers. The advantage of the restricted range lies in observing the width of the distribution after the anomalies are removed.

Federal range ratio: Based on the restricted range, the FRR is a wealth neutrality measure which expresses the distribution's width as a single numeric value, reducing large dollar discrepancies to more meaningful comprehension. The FRR is found by dividing the restricted range by the lowest score at the fifth percentile. In this research, the FRR provides an alternative measure allowing for meaningful single-digit equity comparison.

Relative mean deviation: The relative mean deviation (RMD) examines the difference in each district's per pupil revenue ability and the APM or ENM. It provides an additional estimate of equity achievement and allows examination by individual district of deviations from the APM. The RMD is the absolute value of differences as a percentage of the total expenditures in the distribution.

Normally ranging between zero and one, if the RMD exceeds the normal range it may be seen as a measure of percent difference of need beyond ability to pay. As the score increases, the degree of equity is assumed to decline.

Pearson correlation coefficient: Simple correlation coefficients are reported in this work which were derived in earlier extensive analysis using correlation and regression techniques. 55 Correlation and regression step beyond simple descriptive variance by testing suspect variables for relationships which may later be examined for causation by regression analysis. Ranging from -1 to +1, correlations indicate strength of variance in tandem.

Gini coefficient: The Gini coefficient plots the cumulative percentage of school revenue to cumulative population proportions. It identifies the degree of wealth concentration and focuses on the size of the lower half of a distribution. The Gini



estimates the effect of poorer districts on equity and identifies the magnitude of the lower 50 percent of all districts.

Coefficient of variation: Defined as the square root of variance in revenue divided by the mean revenue, the coefficient of variation assesses total equity in a distribution. Sensitive to the total distribution, the coefficient of variation is a calculated value which decreases as equity increases. The coefficient of variation is used in this research as a multiple measure of equity estimation which is sensitive to the total distribution.

McLoone Index: This index is the ratio of total dollar inputs for below median pupils to the dollar inputs required if all pupils below the median were receiving it. Like the Gini, the McLoone Index con entrates on the size of the lower half of the distribution. As the value increases above zero, equity is presumed to increase. In this research, the McLoone provides a second measure of wealth insufficiency among poorer districts.

Assessing adequacy and equity requires moving beyond simple description and reporting. Statistical methodology provides the tools by which adequacy and equity may be meaningfully evaluated, and the usefulness of statistical measures becomes greater when attempting to compare alternative choice models. These measures allow the alternative funding choices of local control, state assumption, and variations on grants to be weighed and compared for the state and its rural and urban subgroups under the governing equity principles of resource accessibility, ex post and ex ante fiscal neutrality on the basis of average practice and estimated need.



### PART II: FINDINGS

#### Results of Descriptive Analysis

The series of studies conducted in Kansas have revealed interrelated conditions which confirm reports from other states regarding growing facility needs and resource inadequacy. Like many states whose facilities are aging rapidly and whose revenue sources are limited, Kansas school districts are experiencing significant needs.

Descriptive data on the age and condition of Kansas facilities, sources of revenue, and other financial and tax levy information describe facility problems in Kansas which may be expected to increase with time. 56 Only slightly more than 10 percent of all attendance centers are less than ten years of age. Almost 75 percent are more than twenty years old, and nearly 20 percent of all buildings exceed fifty years of age. Their condition reveals nearly one-fourth in fair to poor condition. Rural and urban subgroupings find 29 percent of rural schools rated in fair to poor condition, while 7.1 percent of the urban schools are similarly rated.

Not surprisingly, the tax base of Kansas school districts reflects a heavily rural economy. Nearly 60 percent rely primarily on agriculture, and an additional ii percent identified energy production as the major tax source. While the state's tax base is stronger and more diverse than the reported percentages may indicate, 57 many Kansas school districts have experienced recent valuation declines because of depressed agricultural and energy-related industries which have resulted in major shifts in school aid under the state's general fund equalization formula.

None of the shifts, however, have alded facilities. The data indicate that approximately 80 percent of all school districts are levying for capital outlay, and more than half have bonded indebtedness totalling approximately \$385 million which must be serviced by local property taxes. Yet significant capital projects are planned. Nearly half



TABLE 4.1

SUMMARY OF MEAN TAX EFFORT, AVERAGE PRACTICE, AND NEED

	Rural	Urban	State
1985-86			
Mills for Capital Outlay	3.9	6.3	4.5
Mills for Debt Service	2.8	3.3	2.9
1986-87			
Mills for Capital Outlay	2.95	2.68	2.87
Mills for Debt Service	4.31	5.24	4.56
1987-88			
Mills for Capital Outlay	2.8	3.3	2.9
Mills for Debt Service	3.4	6.0	4.1

THREE YEAR MEAN MILL RATE

	***************************************	Capital Outlay	Debt Service	Combined Mean
Rural Urban		3.22 4.09	3.5 4.85	6.72 8.94
State	<del></del>	3.42 	3.85 	7.27
	PRACTICE MODEL			NEED MODEL PER PUPIL
Rural	\$83.50			\$61:.30
Urban	<b>\$53.30</b>			\$1,064.30
State	\$61.51			\$953.08



of all districts indicated plans for facility projects, and 20 percent reported plans for bond elections. At the same time, 10 percent reported recent bond election failures.

The data in Table 4.1 indicate relatively wide variations in local effort for facility funding. Three years of comparative levy data indicate that in general the state's school districts are making a concerted effort to maintain and improve facilities. Average levies for the most recent three year period indicate a composite mean levy for capital outlay and bonded indebtedness of 7.27 mills. Urban school districts are exerting roughly one-third greater overall effort for facilities than are rural schools, yet urban districts receive less revenue per pupil. Revenue-generating ability defined by average practice (APM) indicates that the mean levy produces \$83.50 per pupil in rural schools, \$53.30 in urban schools, and \$61.51 statewide. These amounts stand in sharp contrast to estimated needs per pupil of \$1,064.30 for urban districts, \$611.30 for rural schools, and \$953.08 for the state.

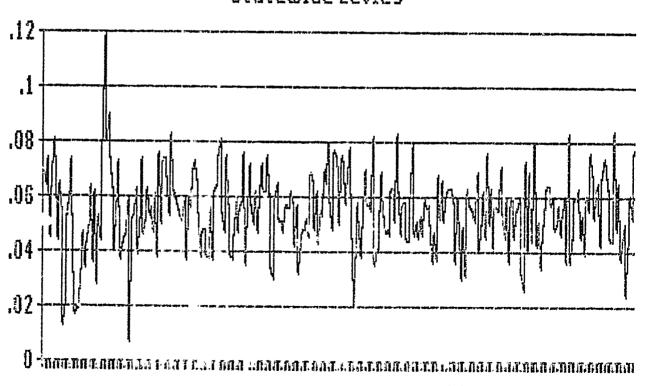
Finally, descriptive data indicate that school districts in Kansas are making a significant effort to maintain and construct facilities appropriate to educational needs. The mean combined levy for facility support increases the average total mill rate of school dist is by nearly 14 percent, and if calculated using adjusted assessed valuation, facility effort amounts to more than one-third of the average total general fund mill levy. Analysis of rural and urban effort suggests that rural districts exert approximately 25 percent less effort and spend roughly 56 percent more per pupil than do urban school districts to meet facility needs.

#### Results of Statistical Analysis: Total Local Control

The importance of multiple and extended analysis becomes apparent when using descriptive measures because the results may present incomplete evidence. Further analysis of the relationship between wealth and facilities reveals a somewhat modified



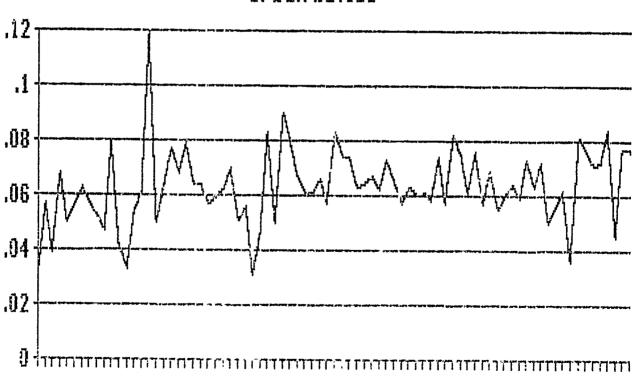
# GENERAL FUND MILL RATES Statewide Levies





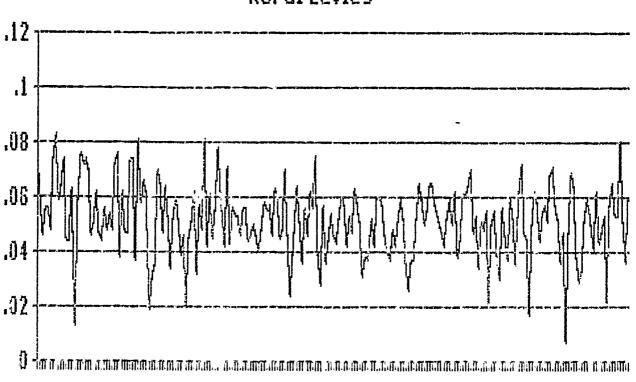


# GENERAL FUND MILL RATES Urban Levies





# GENERAL FUND MILL RATES Rural Levies





description of the state of Kansas, resulting in markedly different conclusions under later substantive analysis.

The average practice model (APM) and estimated need model (ENM) were used to examine resource adequacy and equity. The APM described current practice, while the ENM described estimated need in the average district. By comparing actual practice and estimated need under the four alternative funding plans, adequacy and equity could be examined under the stated resource accessibility, wealth neutrality, and equal tax effort equity principles defined earlier.

Table 4.2 describes adequacy and equity at the state level. Statistical measurement overwhelmingly indicated that total local responsibility for funding capital outlay is inadequate and inequitable under either average practice or estimated need. Extreme variation in resource accessibility exists where unrestricted ability to pay (\$4,633.89 per pupil) exceeded 93:1 and the restricted range (\$761.49 per pupil) is nearly 10:1.

Dependence on the local tax base caused 29 districts (9.6%) to be incapable of funding the APM. The estimated need model, which suggests that average practice has underestimated need by more than 1500 percent, found the present method of total local control to be extraordinarily inadequate by all measures as an overwhelming number of districts were unable to fund the estimated need per pupil. These results support earlier correlations among suspect variables in Kansas school districts which found a near perfect positive relationships between capital outlay ability and district wealth. Those correlations indicated strong linkages between wealth and planned improvements (.63), condition of facilities to age (.59), wealth to level of bonded indebtedness (.3034), and planned improvements to debt (.2641),58

Rural and urban school districts revealed similar inequities under local support for facilities. Table 4.3 summarizes urban school districts with enrollments greater than 1,000. Again, local responsibility for capital projects is inadequate and inequitable under



TABLE 4.2 ADEQUACY AND EQUITY OF FOUR METHODS OF FUNDING PACILITIES STATE SUMMARY

Keasure		Local Control		Full State Funding		Percentage Equalized		50/50 Grant	
	APH	ENH	APH	ENM	APH	enn	APH	enh	
U.R.	\$4,633.89	\$4,633.89	<b>\$</b> 0	\$0	<b>\$</b> 0	\$0	\$4,633.89	\$4,633.89	
R.R.	\$761.49	\$761.49	\$0	\$0	\$0	<b>\$</b> 0	<b>\$</b> 761.49	\$761.49	
F.R.R.	8.55	8.55	0.0	0.0	0.0	0.0	4.28	4.28	
R.H.D.	.75	1.80	0.9	0.0	0.0	0.0	.38	.54	
C.V.	.49	.83	0.0	0.0	0.0	0.0	.24	.42	
Gini	.43	.94	0.0	0.0	0.0	0.0	.22	.47	
HcLoone	.06	.003	1.00	1.00	1.00	1.00	.82	.0017	
N below mean	29	283	0	0	0	0	15	. 142	

H= 303

APM= Average Practice Model

ENM = Estimated Need Kodel

U.R.= unrestricted range

R.R.= restricted range F.R.R.= federal range ratio

R.M.D.= relative mean deviation

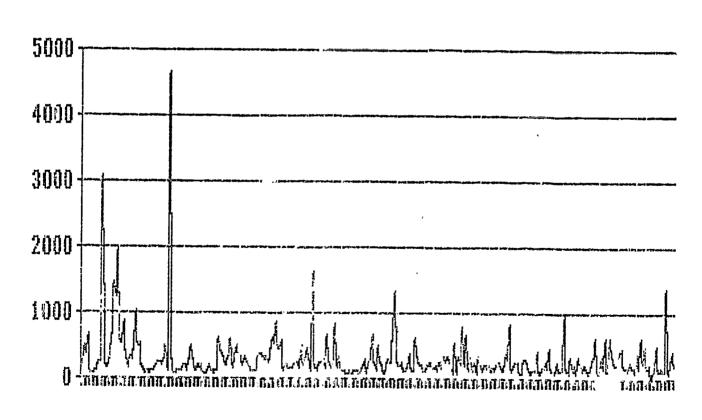
C.V.= coefficient of variation

Gini= Gini coefficient

McLoone= McLoone Index



## WEALTH PER PUPIL RANGE FOR THE APM





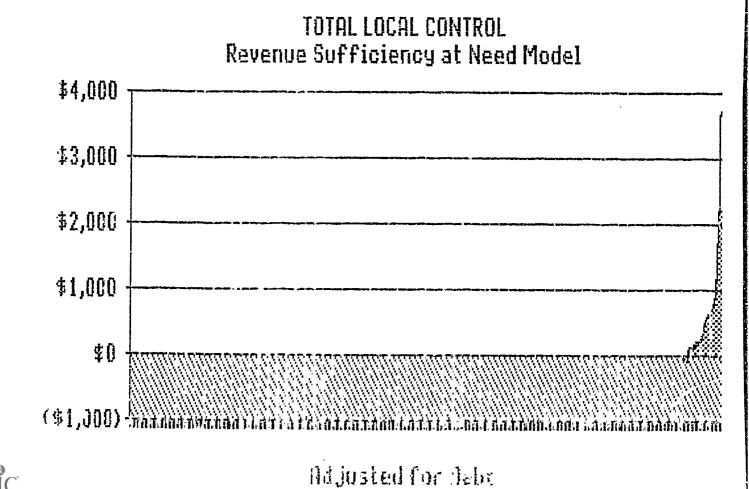


TABLE 4.3

ADEQUACY AND EQUITY OF FOUR HETHODS
OF FUNDING FACILITIES
URBAN SUMMARY

Keasure		Local Control	Pull State Punding			Percentage Equalized		50/50 Grant	
	APH	ENH	APH	ENH	APH	enh	APH	enh	
U.R.	\$1,550.00	\$1,550.00	<b>\$</b> 0	\$0	<b>\$</b> 0	\$0	\$1,550.00	\$1,550.00	
R.R.	\$89.95	\$89.95	\$0	\$0	\$0	\$0	\$89.95	\$89.95	
F.R.R.	.85	.85	0.0	0.0	0.0	0.0	.42	.42	
R.H.D.	.75	1.80	0.0	0.0	0.0	0.0	.38	.54	
c.v.	.28	.85	0.0	0.0	0.0	0.0	.14	.43	
KcLoone	.04	.33	1.00	1.00	1.00	1.00	.50	.03	
N below mean	0	80	0	0	0	0	0	40	

FTE > 1,000

**№** 81

APK= Average Practice Model

ENH= Estimated Need Model

U.R.≈ unrestricted range

R.R.= restricted range

F.R.R.= federal range ratio

R.M.D.= relative mean deviation

C.V.= coefficient of variation

McLoone= McLoone Index



either the APM or estimated need model. Unrestricted wealth (\$1550) was nearly 25:1, and the restricted range (\$89.95) approached 2:1. Despite the variance in raw wealth, urban school systems demonstrated a much narrower wealth distribution. The narrowing of wealth disparity was reflected in other statistical measures, but the effect of a relatively wide wealth ratio for funding facilities was consistently observed. While all districts were able to fund the low APM, inequity soared under the need model where 80 urban districts (99%, were unable to meet the ENM per pupil of \$1,064.30. Like the state in general, total local responsibility for financing facility needs appeared to be highly inequitable as urban districts were unable to completely satisfy equity principles.

Results were similar for rural districts. While urban districts exhibited high resource inequity within a narrower range of variation, rural districts were widely dispersed.

Table 4.4 summarizes rural school districts with enrollments less than 1,000. In striking contrast, local control for rural districts yielded the highest unfavorable scores regarding equity, with 29 districts incapable of funding the APM. The range of \$4,633.89 (93:1) was the widest in the distribution. Inequity soared under the need model, indicating the 203 (90%) districts unable to approach the estimated need of \$611.30. Consistent with urban schools and the state in general, local responsibility for financing facility needs was highly inequitable, as rural districts were unable to satisfy equity principles, despite the effect of extreme wealth in a few districts on the mean wealth per pupil.

Rural and urban areas of the state experienced significant difficulty funding the estimated need model. Although the need model may be criticized as an estimation technique, neither can a strong case be made in favor of average practice as a good definition of adequacy because practice is necessarily defined by the operation of limited resources within a competitive environment. The sufficiency of an average practice probably cannot be accurately guaged, but in states like Kansas which operate under cash basis laws and relatively restrictive debt limitations, average practice almost certainly



TABLE 4.4

ADEQUACY AND EQUITY OF FOUR METHODS
OF FUNDING FACILITIES
RURAL SUKMARY

Keasure		Local Control		Full State Funding		Percentage Equalized		50/50 Grant	
	APH	ENN	APH	ENH	APH	ENH	ХPН	ENH	
U.R.	\$4,633.89	\$4,633.89	<b>\$</b> 0	<b>\$</b> 0	\$0	\$0	\$4,633.89	\$4,633.89	
R.R.	\$854.75	\$854.75	\$0	\$0	\$0	\$0	\$854.75	\$854.75	
F.R.R.	9.2	9.2	0.0	0.0	0.0	0.0	4.60	4.60	
R.H.D.	.75	1.04	0.0	0.0	0.0	0.0	.38	.52	
C.V.	.65	.91	0.0	0.0	0.0	0.0	.32	.46	
KcLoone	.26	.007	1.00	1.00	1.00	1.00	.52	.004	
N below mean	29	203	0	0	0	0	40	102	

FTE < 1,000 N= 222

APK- Average Practice Kodel

ENH- Estimated Heed Model

U.R.= unrestricted range

R.R.= restricted range

P.R.R.= federal range ratio

R.M.D.= relative mean deviation

C.Y.= coefficient of variation

McLoone= McLoone Index



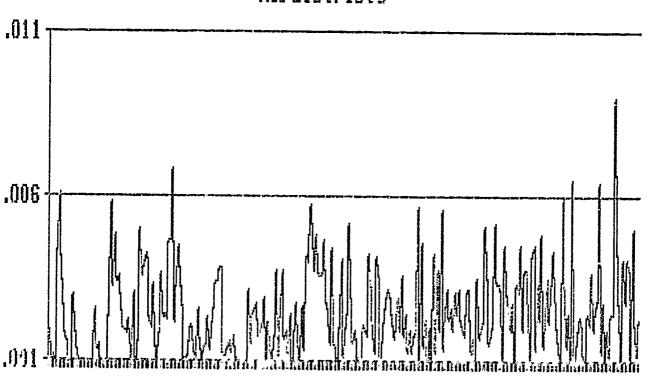
TABLE 4.5
REQUIRED LOCAL HILL RATE
LOCAL CONTROL HODEL

	APH Hills	Percent Difference High to Low	ENN Kills	Percent Difference High to Low	Percent Difference APH to ENH
State High State Low	.00896 .0001	8960.00%	.11827 .00095	12449.47%	1319.98% 950.00%
Rural High Rural Low	.008% .0001	8960.00%	.08907 .00095	9375.79%	994.08% 950.00%
Urban High Rural Low	.00684 .00028	2442.86%	.11827 .00479	172.65%	1729.09% 1710.71%

APM Mills: mill rate required to fund the average practice model. ENH Mills: mill rate required to fund the estimated need model.

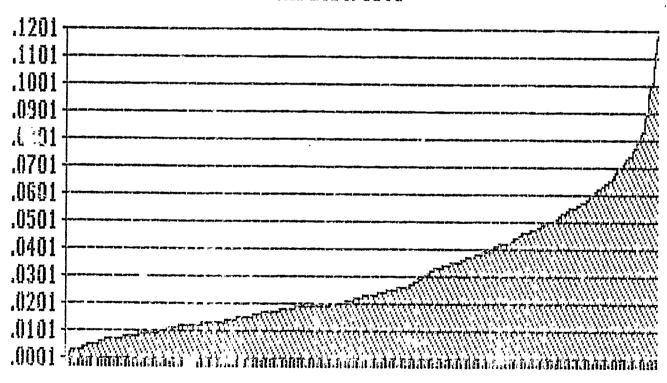


# REQUIRED LOCAL MILL RATE TO FUND STATE APM All Districts



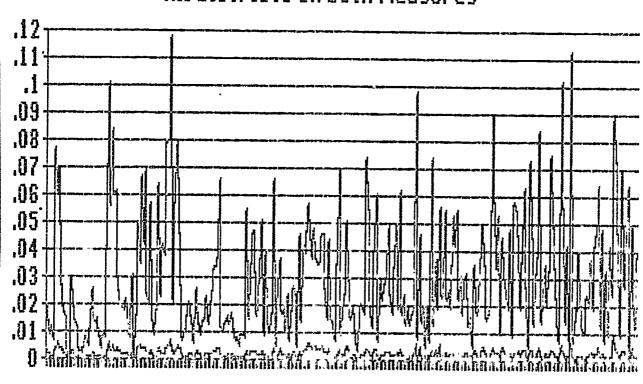


## REQUIRED LOCAL MILL RATES TO FUND NEED MODEL All Districts





# REQUIRED LOCAL MILL RATES TO FUND APM AND NEED All Districts on Both Measures





underestimates need. The estimated need model suggests that until needs are known with absolute certainty, the ENM offers the best estimate of current conditions and serves as a yardstick against which principles of adequacy and equity can be measured. Given the amounts at stake and estimations of need found in other states, the ENM provides a conservative and reasonable alternative to estimation limitations.

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Significant differences and commonalities between rural and urban areas of the state were found under the total local method for financing facility needs. Differences lay in wide variations of wealth among rural communities which forced the width of the distribution. The appearance of wealth in rural districts, however, was not upheld because the greatest degree of inequity under both the APM and ENM existed in rural districts. In comparing rural and urban districts on the APM, only rural districts, however, lay below average practice. In contrast, a higher proportion of rural districts was below the ENM, indicating that the state's wealth is concentrated in a very small number of districts.

Commonalities are probably more striking than differences because all districts operate under the same limitations which exacerbate the effects of local wealth. The most obvious commonality is that wealth relates to ability and that the effect of wealth on facilities results in great disparity. Research shows that wealth relates positively to facility needs. The most important observation thus become that wealth, facility conditions, and needs are positively linked, and that equity is uniformly violated under total local control where nearly all districts in the state are unable to fund estimated needs.

### Results of Statistical Analysis: Full State Funding

Alternative models allow comparison among competing choices. Because choices must be made, models should allow for diverse representation in order to maximize their usefulness.



Full state funding is an option which has been tried by very few states and with limited success. Full state funding presupposes several conditions, all of which function in the context of values, politics, and government. As it operates here, full state funding is preserved as nearly neutral as possible, with the caveat that for contrast, excess wealth recapture was

included.

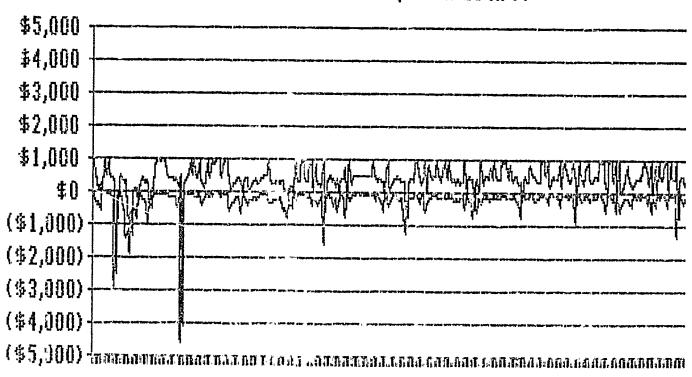
The objective was once again to fund the average practice model (APM) and estimated need model (ENM). Results in Tables 4.2, 4.3, and 4.4 represent a marked contrast to the local control option. While range measures do not change for raw wealth data, the net effect of state revenue collection under uniform levy conditions utterly negated tax base disparity. Statistical achievement of equity occurred as the state levies, collects, and administers facility funding under completely uniform conditions.

Consequently, in full state funding the issues quickly depart from achievement of adequacy and equity and turn to acceptability of implications inherent in full state funding. A sensible consideration also questions state and local district costs resulting from statewide tax collections. Effects of recapture built into the model in Table 4.6 illustrate that if the state were to assume responsibility for facility finance at the APM, a revenue windfall would accrue to the state in excess of \$57 million. In fact, only 30 percent of districts would actually benefit by full state funding while the remainder would pay in higher revenues than would be returned in state aid. In contrast, if the need model were funded, a shortfall of nearly \$300 million would occur, with most districts receiving aid which exceeded their contribution. Because average practice is questionably low and because of excess wealth in a few districts, difficult economic and political decisions would be required about how full state funding would be defined for the state.

The features of plans by which full state funding might occur are adjustable without limit. Clearly, recapture represents a drastic departure from tradition and is in all



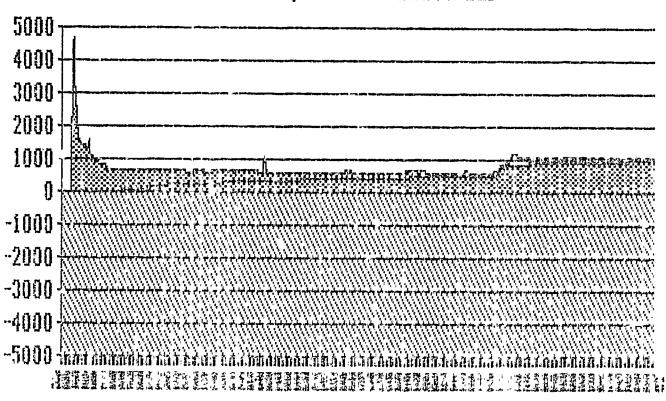
FULL STATE FUNDING
State Cost or Recapture at APM





(6=Recapture

FULL STATE FUNDING Aid or Recapture at Need Model





>)=Redaptine

likelihood a highly unpalatable alternative. Ir, practice, full state funding has frequently resulted in a high level of aid mixed with local effort to ease the state's burden and to retain local incentive. Although \$381 million in estimated need is comparable to the identified needs of other states, it nonetheless represents a sizeable increase in revenue which must be generated and would likely lead to some ratio less than complete state assumption. While those decisions are legislative, assessment under equity principles indicates that the model meets all conditions of equity achievement and represents one qualifying alternative to reducing current inequities.

### Results of Statistical Analysis: Percentage Equalized Grant

The third model represented a different set of value choices. A percentage equalized grant provides sharp contrast to full state funding, and its operation in this research was designed to be consistent with the state's general fund equalization formula by providing aid in inverse relationship to atility to pay. In contrast to full state funding, ability is the critical issue which triggers variable assistance as districts receive increasing aid as local ability declines. Because the state's general fund formula does not truly generate excess wealth, a stop-loss provision was built into the model whereby no recapture of excess wealth by the state would occur.

The objective was again to fund the average practice model (APM) and estimated need model (ENM), and statistical measurement achieved perfect equity. While range measures remained unchanged in raw wealth data, the net effect of state revenue collection under uniform levy conditions negated variations in local resources. Equity was achieved as the state levied, collected, and administered facility funding under completely uniform taxing conditions.

The flow of aid to school districts varied tightly with ability to pay. Table 4.6 indicates that only one district under the APM would be unable to fully fund itself under



TABLE 4.6

STATE COSTS
TO FUND THE FOUR ALTERNATIVES

	Total L	Full State Funding		
	APH	ENM	7.PM	enm
Required Revenue	24,588,939	381,000,000	24,588,939	381,000,000
Available Revenue	81,824,591	81,824,591	81,824,591	81,824,591
Net Revenue Change	57,235,652	(299,175,409)	57,235,652	(299,175,409)
State Cost	0	0	(57,235,632)	299,175,409
Percent Ald	0	0	100 <b>%</b> (30 <b>%</b> )	100%
N ald districts	0	0	303	303

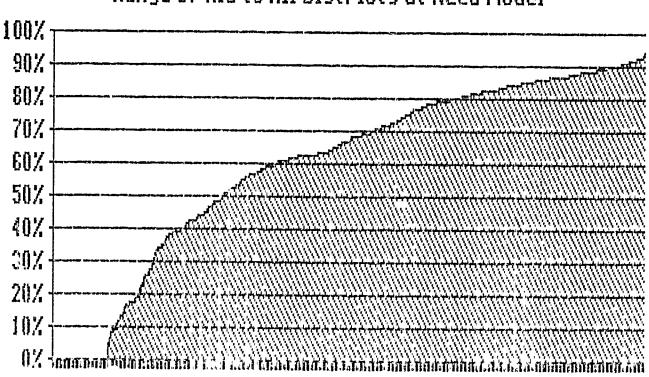
	Equal i	zation	50/50 Grant		
	HYA	EKM	APH	ENH	
Reguired Revenue	24,588,939	381,000,000	24,588,939	381,000,000	
	81,824,591	81,824,591	94,119,060	94,119,060 **	
Available Revenue	57,235,632	(299,175,409)	81,824,591	(274,586,470)	
State Cost	8,182.40 *	299,175,409	24,588,939	24,588,939	
Net Revenue Change	.00001	79%	50%	50%	
N aid					
districts	1	274	15	142	

<sup>★</sup> One district receives at at .003%.

<sup>\*\*</sup> Local wealth yields \$81,824,591. State contributes half of required aid at \$12,294,469. \$81,824,591 + 12,294,469-= \$94,119,060.

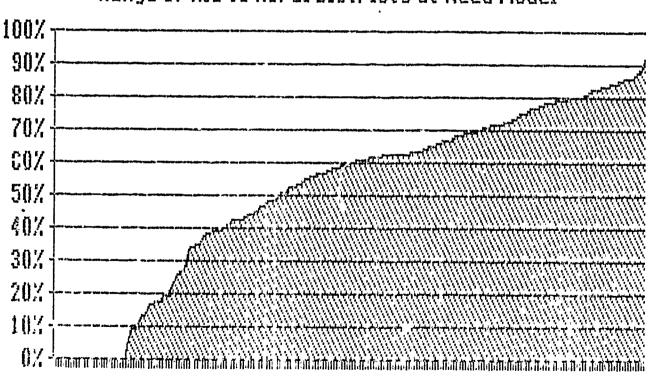


### PERCENTAGE EQUALIZED GRANT Range of Aid to All Districts at Need Model



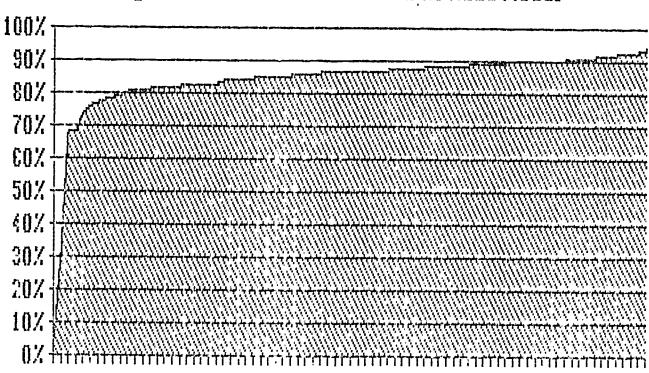


PERCENTAGE EQUALIZED GRANT
Range of Aid to Rural Districts at Need Model





### PERCENTAGE EQUALIZED GRANT Range of Aid to Urban Districts at Need Model





uniform taxing conditions, resulting in a cost to the state of roughly \$8,000 and accounting for the fraction of the distribution qualifying for aid. Under the APM, resource sufficiency was technically satisfied, as all districts levied equally, received the APM, and were eligible for aid if they qualified. Substantively, however, the same questions about the adequacy of the APM remained, and analysis under the need model immediately qualified 274 districts (90%) for an average aid level of 79 percent. State costs under the ENM were significant with a net cost of nearly \$300 million as districts would actually receive aid as high as 79 percent.

The percentage equalized method met the criteria for achieving resource accessibility, wealth neutrality, and uniform effort. Adjustable in a continuum between zero and 100 percent local/state partnership, equalization presents a method philosophically consistent with the state's equalization formula through which the state may improve equity conditions for funding facilities.

### Results of Statistical Analysis: 50/50 State Grant

Finally, a flat 50/50 cost-share grant by the state to local school districts was examined. Obviously a middle ground, the cost-share represents an easily controlled introduction of state assistance into the problems of funding local school facilities.

Flat grants also represent value choices. A flat grant accepts state responsibility, but suggests a less complicated approach to determining the level of state support. Under the conditions of this research, the flat grant provides introduction of state aid on neutral grounds without the perceived disadvantage of recapture found in full state funding, appeares the need for the state to assist all districts, and avoids the open-end nature of true power equalization. By capping state participation at 50 percent, an equal partnership has been established, leaving the state and local district free to influence remaining conditions such as local initiative to reduce local costs by the amount of state



participation or to enhance the building program through the use of state aid as a supplemental grant.

The objective was once again to fund the average practice model (APM) and estimated need model (ENM). Because of limited state participation which is insensitive to actual achievement of equity, the 50/50 cost grant roughly halved the inequity found under the total local control model. Introducing state aid reduced local fiscal stress by the equivalent amount, but indicated that while inadequacy could be reduced, equity could not be achieved by a flat grant. Table 4.2 indicates that 15 districts (49.5%) of the state's districts still would be unable to fund the APM, and 142 (46.7%) districts could not approximate the need model.

While equalization and full state funding eradicated distinctions between urban and rural districts, the flat grant preserved the differences found under total local control. Under the flat grant, urban districts were slightly more disadvantaged. Variability of equity, however, was much greater among rural districts, consistent with evidence from the total local control data which suggested that rural districts suffer from the best and worst of fiscal capacity. State costs were less for the flat grant than for either full state or equalized funding because of the 50 percent participation limit which capped state costs at roughly \$24.5 million compared to nearly \$300 million under equalization.

The net result of introducing state aid to facility funding through the flat grant was that districts were able to add state resources to facility projects which ultimately improved achievement of equity. The neutralizing effect, however, was that while inadequacy was significantly reduced on a dollar basis, the troublesome inequities inherent in wealth variations were incrementally preserved. Flat grants were unable to aid equity achievement.



#### Summary

The funding alternatives represent only four possible choices. The range of possible methods for state participation is nearly limitless because the basic plans could be modified endlessly. Other options could be selected including state loans, building authorities, and other private capital schema. The methods chosen for evaluation represent genuine state involvement consistent with the classification in Table 1.1, whereby only those methods resulting in true benefit to local districts were described as true grant-in-aid plans.

While the range of choices is rich, the issue must ultimately return first to the adequacy of any distribution scheme, and secondly to its method for distributing aid. The evidence clearly indicates that the present method for funding facilities in Kansas and other states which do not assist local districts routinely violates equity and stands in jeopardy if it is determined that assumptions about <u>Serrano</u> and capital outlay were flawed. The evidence also 'indicates that there are differences between rural and urban districts—differences which lie in both magnitude and types of problems each subunit experiences. In the final analysis, the simple fact remains that no matter how complex state, rural, or urban issues may become, the problems and solutions lie in the availability of adequate and equitable resources to effectively address student needs. For Kansas, the results are alarming, because the APM almost certainly fails the adequacy and equity test, and the ENM is unarguably violated on all conditions of adequacy and equity.

The importance of resources in determining the outcomes of education is overwhelmingly evident because wealthier school districts tend to have better schools60 and better school buildings. Comments by the courts and the increasing number of legal challenges citing concerns about facilities seem to indicate that both rural and urban school systems are experiencing negative limitations of local wealth in providing and



maintaining adequate and equitable facilities. These issues confirm this analysis which suggests that policy makers and school leaders should be concerned for the future of how school facility needs will be resolved.

#### FOOTNOTES

- 49. Ibid., David C. Thompson et al. <u>State Involvement in Capital Outlay Financing: Policy Options for the Future.</u> Kansas State University Center for Extended Services, March 1988.
- 50. Ibid., Robert Berne and Leanna Stiefel. <u>The Measurement of Equity in School Finance:</u>
  <u>Conceptual, Methodological, and Empirical Dimensions</u>. Baltimore: Johns Hopkins University Press, 1984.
- 51. L. S. Friedman. "The Ambiguity of Serrano: Two Concepts of Wealth Neutrality." Hastings Constitutional Law Quarterly, 1977.
- 52. Ibid., David S. Honeyman and G. Kent Stewart. "Capital Fund Mechanisms and the Condition of Facilities in Rural and Small Schools." <u>Research in Rural Education</u>, v24, n1, Winter 1985.
- 53. Ibid., Mary E. Devin. "Deferred Repair and Maintenance in Selected Kansas Schools." Unpub. Ed.D dissertation, Kansas State University, 1985.
- 54. Ibid., Robert Berne and Leanna Stiefel. The Measurement of Equity in School Finance:

  <u>Conceptual. Methodological. and Empirical Dimensions.</u> Baltimore: Johns Hopkins University Press, 1984.
- 55. Ibid., David C. Thompson et al. <u>State Involvement in Capital Outlay Financing</u>: <u>Policy Options for the Future</u>, Kansas State University Center for Extended Services, March 1988.
- 56. Ibid., David C. Thompson et al. <u>State Involvement in Capital Outlay Financing</u>: <u>Policy Options for the Future</u>. Kansas State University Center for Extended Services, March 1988.
- 57. In examining the state, it is important to recognize the primarily rural profile in which 27 percent of districts contain 75 percent of pupil enrollments. The urban community tax bases are broader, containing a mixture of all the foregoing. Additionally, urban real estate comprised 8.2 percent of the tax base while another if percent indicated that there was no single outstanding feature which characterized their tax bases.
- 58. Ibid., David C. Thompson et al. <u>State Involvement in Capital Outlay Financing: Policy Options for the Future.</u> Kansas State University Center for Extended Services, March 1988.



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- 59. Ibid., John A. . . . . ompson. "Funding and Spending in Paradise: Notes on the Hawaii Model of School Finance." <u>Journal of Education Finance</u>, v12, n3, Fall 1986.
- 60. MacPhail-Wilcox, Bettye and King, Richard A. "Production Functions Revisited in the Context of Educational Reform." <u>Journal of Education Finance</u>, vi2, n2, Fall 1986.



### CHAPTER 5

POLICY IMPLICATIONS FOR EQUITY UNDER STATE PARTICIPATION

Analysis

Financing public schools has been drastically altered since the turn of the century.

But despite the changes, many present characteristics are recent developments. Education has become much larger than the local community, and the effect of school finance decisions are felt at all levels and with lasting impact. When dealing with one of the largest expenditures of state government, decisions made in local board rooms, state legislatures, and other levels of jovernment have a profound influence on the future.

Policies leading to change or decisions to maintain the status quo should be made with utmost deliberation and on the basis of solid evidence. To formulate effective policy, synthesis must draw the elements together, provide discussion of substantive effects of research, and consider implications which may affect future policy directions.

Conclusions and implications for financing facilities presented by this evidence are powerful. Answers to the questions which began this policy analysis can provide needed evidence which may be used to identify future needs and to make recommendations which policy makers and school leaders can use to assist with informed decisions.

Why is there a concern for financing facilities? The concern exists because there is national evidence of an overwhelming inability of local districts to fund capital outlay at levels needed to keep buildings adequate, safe, and accessible to all students and because of concern that such issues may become positively linked to court requirements for adequacy and equity in equal educational opportunity. Urban and rural school buildings are deteriorating rapidly, and maintenance needs are increasing concomitantly. The average age of rural school buildings in the nation exceeds forty years, average deferred



maintenance exceeds \$300,000 per building, and over one-half of districts report inadequate buildings. The large amounts of need found in individual states becomes nearly \$18 billion for rural schools alone, and urban schools also have huge needs. Facilities, however, are receiving an increasingly smaller share of limited resources as capital outlay spending in proportion to total school expenditures has declined by nearly 50 percent nationally from 1970 to 1983.61

The reason for concern exists in all fifty states where the level of state support may need to be examined for adequacy and equity. It particularly exists for the 22 no-aid states because there is a troublesome relationship between local property wealth and ability to construct and maintain school buildings. School districts which report high levels of need are almost invariably dependent on bonding, and this relationship creates a cycle of insufficiency that cannot be broken within the district. That dependency will continue to be noted as advocacy increases regarding rural and urban issues resulting from narrow or eroding tax bases, exorbitant costs for high need pupulations, educational reform costs, changing demographics, and shifting patterns of influence. In an era when an increasingly expanded definition of equity has enveloped nearly all general fund expenditures, engendered huge special education mandates, and extended aid to transportation, it may be only a matter of time before the quiet criticism of courts becomes a direct mandate to include facilities in the definition of equal educational opportunity.

How do adequacy and equity apply? These twin concepts have been the conceptual and operational underpinnings of desirable educational practice. Their operation is sequential and interdependent by suggesting that adequacy is a natural linst priority, followed by concern for distribution. Their definition frames school finance reform and states that students should have access to resources to meet their individual needs regardless of residence. Furthermore, taxpayers have a right to expect the state to support education



to the extent that local wealth does not adversely affect educational quality. By definition, adequacy in all states is thus inherently suspect until examined for sufficient levels of resources. In the 22 no-aid states, however, adequacy is unavoidably conditioned by residence. In the unlikely event that all districts in a no-aid state possess wealth in sufficient supply to meet a carefully constructed estimate of need, then adequacy hold conceivably be satisfied. But reality almost certainly cancels that possibility, leaving no-aid states in a doubtful position toward adequacy.

Equity should follow adequacy, and by definition implies equal access to adequate resources. But because wealth varies, adjustment is required to impede the natural distribution. In general school finance reform, that adjustment has been included in state formulas which distribute aid to school districts, either in a high level foundation plan or through an equalization formula sensitive to varying conditions of wealth. The existence of 22 no-aid states, however, precludes that possibility. The reality in no-aid states is that equity certainly does not occur for either students or taxpayers and that adequacy is surely suspect.

Are there significant legal issues which may affect facility finance in the future? The question underlies this policy analysis, and the clear indication is that multiple legal issues relating to facilities may emerge. While notice taken by the courts of facility wealth dependency has yet to become a fully developed issue, the potential is enhanced by a long history of court criticism, emerging rural and urban advocacy, and growing needs of school districts to repair and replace facilities. Court criticisms have increased in sharpness and frequency, and the growing sig — cance attached to facilities in Pauley, 62 Abbott, 63 Jenkins, 64 Edgewood 65 and others signal the latent power of capital outlay as a justiciable concern. Rural and urban advocacy stresses the growing needs of different constituencies, and their needs are borne out by research indicating billions in deficient or inadequate facilities. If adequacy is a legitimate legal issue, then it is highly suspect



where local property wealth frequently underfunds average practice models and cannot come close to funding estimated facility needs. It then follows that if adequacy cannot be met and is a prerequisite of equity, then equity is almost certainly violated. For the 22 states which provide no meaningful assistance to capital outlay, adequacy and equity are clearly pressing legal issues which may profoundly affect facility finance in the future. For the balance of states, examination of levels of assistance and careful consideration of distribution schemes is highly prudent.

How are other states addressing problems associated with funding facilities? The answer is simply that most states have statutorily recognized that facilities require resources, that some have genuinely attempted to assist local communities with their needs, but that a significant number have declined to participate. The legal mechanisms addressing facility needs range from great potential for achieving equity to intie effect. Mechanisms granting true aid by reducing local costs or resulting in increased local choice about facility options provide the greatest progress toward equity, out their final impact is conditioned by the level of support. Mechanisms such as state loans generally do not effectively address either true adequacy or equity concerns, except as favorable security ratings or lower interest costs may provide some small benefit. Finally, while mechanisms for introducing private capital into facility projects may ease restrictive debt limits, they may actually have a greater negative effect on adequacy and equity necause of the costs associated with private funding. For states which provide genuine assistance to facilities, adequacy and equity are achieved proportionally to the extent to which genuine need is satisfied. For no-aid states, little progress toward either adequacy or equity can be found.

Are there substantive differences between rural and urban areas? There appear to be differences in both magnitude and direction of the problems encluntered by rural and urban school districts. It is probable that the rural and urban experience in Kansas is



substantially specific to the state because of its highly rural complexion where classic urban stress is relatively nonexistent. Its rural problems, however, may be typical of needs found in other rural states, and the Kansas data suggest a high degree of consistency between the state's needs and problems reported from similar states. The problems of rural states point to declining wealth, narrow tax base, a backlog of maintenance, and suspect relationships between tax base, facilities, educational programs, and equal opportunity. Kansas' experience where taxable wealth ratios exceed 93:1 is not atypical of rural states. Since many states rely on local property wealth to fund facilities, the adequacy and equity deficiencies found in Kansas' rural districts where extremes of wealth and need exist may suggest the breadth of rural problems in many other states.

Urban districts also face declining wealth and maintenance backlog, but the direction is opposite as problems are exacerbated by escalating costs related to special needs and problems created by large populations. Urban districts are frequently disfavored by general aid finance mechanisms which fail to recognize disproportionate urban costs, and the shortfall diverts limited resources from facility needs.

Overwhelming common problems shared by rural and urban districts relate to the simple fact that no matter how different rural or urban issues may become, the lack of adequate resources to effectively address student needs is a unifying theme. For the no-aid states, the additional common thread is dependence on the local tax base for facilities. The final analysis suggests that absent a high degree of wealth in all districts, adequacy and equity will not be satisfactorily achieved without effective policy implementation or court intervention.

What are the dimensions of the problem in Kansas? Compared to other states, the needs are typical. The age and condition of buildings throughout the state indicate a growing problem which districts will experience as they face the future. Although many



older buildings are well preserved, age and condition must be vital concerns for communities and the state because of costs for replacement and modernization and the potential that such facilities may have for adversely affecting teaching and learning. The concern is even more evident when nearly 20 percent of buildings exceed fifty years of age and the physical condition is described as fair or poor in nearly 22 percent of the state's facilities. With 80 percent of districts levying for capital outlay and over half levying for debt retirement, there are significant needs for repair, maintenance, and replacement of facilities. Unfortunately, unfavorable economic conditions tend to aggravate the situation by accelerating maintenance and improvement deferral. The \$381 million in deferred maintenance represents a sum which will increase in the fiture if unaddressed. The likelihood that solutions will emerge without significant state level policy changes is remote.

The evidence clearly indicates that Kansas school districts have varying levels of ability to pay for facilities, and disparities remain when the extremes are removed. The variation is problematic because analysis has consistently indicated that wealth has been a primary determinant of fiscal ability and actual condition of facilities. The evidence places a responsibility on the state to examine itself in relation to capital improvement needs in school districts.

How does current practice compare to facility needs? The evidence suggests that practice has faller, far short of need in many states. The enormous funds required in many states to meet facility needs point to problems that have accumulated over many years. Limited resources have forced districts to channel funds toward instructional priorities, resulting in neglect of facility needs. Average practice has been affected by limited resources, voter resistance to bond issues, and the operation of law in many states where low debt ceilings, dependence on local wealth, and mill rate caps have reduced district abilities to spend for facility improvements. Facilities have suffered from an average



practice model which has been conditioned by economics rather than by desirable educational practice.

In contrast, facility needs have far outstripped local ability to pay. The results are typified in every state by estimates of overextension which would result if local districts were to fully meet their needs. In Kansas, meeting genuine needs would require a statewide tax levy of nearly 34 mills, an increase of nearly 500 percent above the current average practice model.

If common models for funding facilities in the fifty states were implemented in Kansas, what would be the rank order of resource adequacy and equity achievement? Adequacy is relatively independent of the chosen vehicle—it operates solely on sufficient revenue. But the selection and features of models for implementation ultimately determine equity achievement, and the real benefit to achieving equity operates in tandem with the first condition of adequate levels of resources. Models which achieve equity do so in varying degrees depending on how well structural integrity is preserved.

The basic models tested here indicate that full state funding and percentage equalized grants achieve the highest level of equity. The final determination of equity achievement lies in how the models are structured in relation to local tax effort and the state's participation ratio. If full state funding is approached from basic purity or uses a high level foundation approach, equity will likely be satisfied so long as the support level approximates need. If percentage equalization is allowed to operate without restrictive caps and is based on actual need, equity will be achieved in a partnership sensitive to local ability to pay. In contrast, although a flat grant does operate to reduce local inadequacy to fund a target, a flat grant will not reduce inequity because it preserves or exacerbates distributional differences. As a consequence, the effect of a flat grant is greater on adequacy than upon equity.



what would be the estimated costs to the state of each alternative funding model examined? State costs are a function of need determinations and must be found for each individual state. Costs are a function of the level of state participation and the type of plan chosen. It may be expected that if need is the equity target to be funded, the full state and percentage equalized options will result in greater costs to the state and that districts will experience greater or lesser benefit in direct proportion to local ability to pay. If the need model for Kansas were to be funded under either full state or equalization models, state costs would be roughly equivalent at approximately \$300 million, but the political conditions would be vastly different. Thus it appears that equity presents equal costs, and the question becomes how to structure an acceptable climate. The first condition becomes the decision whether or not to fully rund needs, followed by policy decisions on how to distribute the revenue equitably.

If current funding is not adequate or equitable, how should it occur? The state's characteristics are neither adequate nor equitable when evaluated for resource accessibility, student, and taxpayer wealth neutrality. How policy should be structured depends on the political climate and constituent preferences. Selection of funding methods is a legislative prerogative which is shaped and guided by court principles which have emerged over time.

How state assistance to facilities should occur in each state must remain a value choice which cannot be externally imposed. For Kansas, it appears highly unlikely that any mechanism which removes local preference from decision structures could emerge. General fund expenditures in the state are controlled by an equalization formula based on guaranteed yield and adjustments for special factors. For Kansas, it would appear that the two simplest and most consistent options would include incorporating and for facility needs directly into the equalization formula as an addition to the general fund or to apply



a separate wealth-sensitive formula to the exirting capital outlay and debt service accounts. For other states, the range of choices might be similarly influenced.

Although the immediacy and certainty of state involvement in capital outlay finance is not predictable, the trend in many states has been to at least become somewhat involved in capital outlay financing, and in some instances like Alaska, Hawali, Maryland, and Pennsylvania, state governments have become substantially involved. The number of states who do provide some form of true assistance (apart from state loans) is large than those who do not, and the result is a greater degree of equity and reduced vulnerability to legal challenges. It seems particularly prudent for states to observe the conditions involving facilities and to assess the degree of vulnerability in the event that challenges do emerge.

The courts have exhibited a concern for facilities as an element of equity. Whether the issue emerges or dwindles is not known. It is clear, however, that facilities are assuming a new importance and that challenges to school finance schemes will continue to press the courts. Facilities appear to occupy an important part of the expanding definition of adequacy and equity.

### **FOOTNOTES**

- 61. Richard Salmon and William Wilkerson. "Financing Public School Facilities," in <u>Managing Limited Resources: New Demands on Public School Management</u>. L. Dean Webb and Van D. Mueller (eds.). Fifth Annual Yearbook of the American Education Firance Association. New York: Ballinger, 1984.
- 62. Id., <u>Pauley v Kelly</u>, 255 S.E.2d 859, (W. Va. 1979); later changed to <u>Pauley v Bailey</u>, 324 S.E.2d 128, (1982); <u>Pauley v Gainer</u>, 353 S.E.2d 318.
- 63. Id., <u>Abbott v Burke</u>, OAL Docket No. EDU 5581-85, Agency Docket Number 307-8/85 (unpublished).
- 64. Id., <u>Jenkins v State of Missouri</u>. W.D.Mo. 639 FSupp 19, aff as mod 807 F2d 657, cert den 108 SCt 70, 98 LEd2d 34 and <u>Kansas City</u>, <u>Missouri School Dist v Missouri</u>, 108 SCt 70, 98 LEd 2d 34.



65. Id., <u>Edgewood Independent School District v Kirby</u>. No. 362,516 (District Court of Travis County, 250th Judicial District of Texas, June 1, 1987).



### CHAPTER 6

# CHOICES FOR THE FUTURE: AN ACTION PLAN FOR KANSAS

The role of the state in local educational policy seems certain to increase in the future. Historical involvement of government in local affairs has been one of slowly increasing proportion, and the literature regarding bureaucracy supports the general notion that governments grow rather than diminish in authority. Given the historical reluctance on the part of government to voluntarily assume responsibility for financing education, knowledge of whether the encroachment on local option will be a gradual proces. Will first be tested in court is open to speculation. But because the opportunity for claims of inequity exist, recommendations which prudently advise states to assess their liabilities are quite useful.

### Recommendations

We recommend that Kansas adopt a mechanism for granting aid to local school districts to assist in capital outlay funding including facility construction and maintenance. The issues we have examined points to strong evidence that court activity surrounding facility finance will increase in both directness and intensity and that the increase will ultimately result in court mandates to meaningfully equalize educational opportunity as defined by school facilities. As we have studied courts comments on methods of funding capital outlay, we are lad to conclude that there is a substantial legal question if the concern is appropriately pressed.

We also recommend that Kansas adopt an aid mechanism consistent with the principles of equalization found in the general aid formulas now operational in many states including Kansas. Equalization principles provide a secure basis for court approval. It is further appropriate for the state to include an equalization scheme consistent with the School



District Equalization Act (SDEA). The SDEA is a logical vehicle for inclusion of aid to capital outlay since formulas for calculation of general state aid to local school districts could be adapted easily for capital improvement finance aid.

We further recommend that several critical features should become an integral part of any plan to assist facility finance in Kansas. These features would provide for the inclusion of most districts through increased levels of funding, and would address concerns about local effects inherent in any change. These features would require the state of Kansas to include provisions guaranteeing a high level of state participation, consider current local effort for facility financing, provide for continued local incentive and local control, assist with current debt service, and consider variables such as special needs, enrollment growth, sparsity, and emergencies.

There is generally concern that local control will diminish. While increased state control is likely, the benefits outweigh the detriments, particularly when a strong local and state partnership is built into the plan. Loss of local control is nebulous, and frequently strong local control is more perceived than real. School districts already are obligated to the state through bonding limitations based on assessed valuation, approval by the state architect's office for construction plans, and other guidelines which create a te/local partnership. In sum, the loss of local control has already largely occurred, and the introduction of state assistance would restore some balance in favor of local districts. The recommendations call, however, for concerted attention by policy makers to preserve

A second critical feature of this plan would ensure funds for existing debt service as well as for new projects. The benefits are numerous, including rewards for districts which have already taken ambitious steps toward improving educational facilities financed entirely by local effort. By providing aid to existing projects, the state would exhibit concern for districts which have previously extended themselves during a time when local

the concept and the integrity of local control.



effort controlled the quality of facilities. By providing aid for financing new facilities, the state addresses emerging concerns regarding state liability for assisting local districts to provide the best educational program available within the limitations of the wealth of the entire state.

The third critical feature requires the state to recognize special needs, growth, sparsity, and emergencies. In developing a state plan for assistance to local districts, the collection of data should provide funds for districts which face unusual difficulties and address those concerns first. Such action is consistent with principles of logic and \_ junc fiscal management by addressing critical needs before undertaking a regular program of assistance.

We further recommend that the state standardize a process to include a statewide project list which prioritizes needs and identifies cost projections, thereby maximizing the utility of project identification and fiscal constraints. These may be termed five-year or perhaps even ten-year capital improvement program plans. A process is mandatory which identifies critical needs, establishes methods for regularly aiding facility projects, and ensures effective identification of needs using realistic cost estimates. This allows for joining state revenue projections with anticipated facility needs well in advance of actual project scheduling and fiscal emcumbrances. A project approval list provides the state with an orderly plan by which local and state partnerships may be scheduled.

Finally, we recommend that the state establish two operational funds for assistance to local school districts. The first fund should tie directly to the immediate needs for school districts which are experiencing difficulties. Difficulties may be related to inability to pass a bond issue, to substandard facilities, or to facilities which fail to meet criteria for accessibility or other such features. Included should be funds in excess of insurance payments to correct losses by fire or natural disaster. Also, these may include districts which have expressed facility needs but are unable to locally fund a legislatively mandated



minimum budget per pupil. A critical needs fund to finance capital improvement projects which provides significant aid to deserving school districts would meet this criteria.

A corollary fund should also be established which systematically addresses long-range plans and capital improvement needs in school districts. Where a large number of districts are unable to fund an established average expenditure model and where large numbers of districts express unmet needs, the need to establish state funding is present. As a part of the recommendation, it should be noted that the critical needs fund and the long-range fund should appropriate substantial dollars to assist local districts.

In considering the recommendations, several observations are appropriate. First, many additional recommendations can be conceived, but we suggest that these recommendations represent a realistic beginning to guide development of future state action. As plans are developed, recommendations will be modified and outcomes altered in light of new information and fiscal restraints. Nonetheless, it is imperative that the state consider the research data and the arguments which suggest a relationship between a potential legal responsibility for financing facilities and the state's failure to aid capital outlay efforts in local school districts. That relationship provides the basis for the evidence presented and is the foundation on which potential liability ultimately rests. To the extent that the arguments are presently convincing and to which analogies to general equity principles are correct, there appears to be a strong motivation for the state to consider assisting rocal school districts with facility initiatives.

Finally, in recommending that the state adopt a mechanism for aiding local school districts in funding facility concerns, we recognize the enormity of the task. But we are similarly aware that there is a potential for state liability if court trends develop as the indicators suggest. Research has identified a substantial estimate of deferred needs and the effect of failed bond elections. New data increases the total dollar amount on a daily basis. We are also aware that the task of describing needs is large. We believe, however,



that the state is well advised to explore the issue rationally in preparation for a potentiality which appears to hold promise. From that assessment should evolve decisions and processes to assist the state in developing guidelines for the administration of a state plan to aid facility finance in local school districts. We are convinced from the research efforts and findings that the process of planning for state involvement in local capital outlay financing is inevitable and should begin now.



# ACHIEVEMENT OF EQUITY IN CAPITAL OUTLAY FUNDING FOR KANSAS SCHOOLS: TECHNICAL REPORT VOLUME 2

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### PREFACE

Funding educational fabilities has been a difficult issue for public school districts for many years. Problems have surfaced as communities have sought to construct and maintain buildings in an era of escalating needs. Those needs have frequently been related to expanding curricular innovations, new mandates, and the passage of time which has taken its toll. The combination of events has produced a sizeable problem deserving great attention.

As facility needs have grown, there has been an increased demand for resources to address those needs. The 'emand has usually been placed squarely on the local property tax. As school taxes have increased for instructional and other educational needs. The has often been little opportunity to devote limited resources to fully meeting facility needs. As a consequence, a deficit has developed in which facilities have received decreased emphasis as instructional priorities logically demanded the bulk of limited resources.

We have addressed those problems in Volume I of this study. We have made a case for increased attention to facilities, and we have suggested that the courts have shown preliminary interest in facility concerns. Our thesis throughout many writings has been that school leaders and policy makers should increase efforts to find new and innovative solutions because facility finance reform is a current issue which should receive immediate attention. It has also been our thesis, however, that concern for facilities should not be driven by legal jeopardy—we have held closely to the concept that reform must become a paramount educational issue because policy leaders should assume a proactive role in improving education rather than reacting to its external forces.

The evidence on which we draw the above inferences was presented in Volume I and was derived from considerable data accumulation. This volume contains those technical appendixes. The data will be useful primarily to Kansas school districts who wish to compare their relative positions to other districts in the state and to other interested persons who have a keen interest in the issues at hand. It is thus a reference handbook, demonstrating alternative ways of viewing the same data in arrays which emphasize the various alternatives for funding schema. Its utility for other states will be primarily in observing the data process and in adapting it to unique needs.

We believe that the total work encompassed in these two volumes offers significant value to the various states and to Kansas policy leaders. Improvement in educational services to children can be made only as needs are perceived and actively addressed. This work represents an attempt to address one area which has been historically underemphasized. But because of the enormous costs involved, it becomes important to address that area quickly and meaningfully. This work is one further step in analyzing the policy implications of a significant and worthwhile educational consideration as expressed by educational facilities.



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### APPENDIX 1 A

SELECTED GENERAL DATA

ON

KANSAS USDs

BY
DISTRICT NUMBER



## APPENDIX 1A: SELECTED GENERAL DATH ON KANSAS USDS BY DISTRICT NUMBER

						STATE MENA	Wee 3	STATE	WFF
บริย	FTE	น่งคริง	6F '87	Ĉ.Đ.	B&i	LEVY FOR	STATE	HFM	 เพาะ
		AV	MILLS	MILLS	MILLS	CO + E&I	MEHSY		∺ĒM
161	1104.5	22376356	.05190	.00400	0.00000	.00727	147.28	61.51	85.77
192	578.û	19834212	.06992	.00400	0.00000	.00727	249.47	61.51	187.96
103	225.5	16082626	.00436	.00400	0.90000	.00727	518.50	oi.51	436.79
104	205.0	10645149	.07400	.00400	0.00000	.00727	377.51	61.51	316.00
200	336.7	30626428	.04465	.00399	0.0000	.00727	661.28	51.10ء	597.77
ZÛZ	3836.1	53148939	.06428	.00379	.00066	.0ê727	100.73	ا5. اه	39.22
203	964.0	9785527	.08141	.00371	.00495	.00727	73.80	61.51	12.25
204	2073.0	31441142	.07322	•00400	.01590	.00727	110.26	61.51	48.75
205	63Z.Ū	16342019	.04405	.09200	.00448	.00727	174.20	61.51	112.67
206	506.0	17447915	.06452	.00413	0.00000	•ûû727	250.68	01.51	189.17
208	5.70م	24312310	.05514	.00300	.09244	.00727	290.95	01.51	227.44
209	145.3	ó1573700	.01330	.00400	0.00030	.00727	3080.80	651	3019.29
210	897.5	172138611	.02096	0.00000	0.00000	.00727	1394.37	61.51	1332.86
211	706.5	14405468	.05368	.00200	.01227	.00727	148.23	61.51	80.72
212	203.5	6991725	.06234	.00536	0.00000	.00727	249.78	61.51	188.27
213	128.0	173979ه	.07397	0.00000	0.00000	.00727	350.60	61.51	289.15
214	1500.1	149167192	.03067	Ů.00000	0.00000	.00727	722.92	01.51	001.41
215	იგე.0	138878950	.01704	0.00000	.00062	.ū0727	1473.94	1.51ه	1412.43
Žlo	254.5	44148764	.01981	.00400	0.00000	.00727	1261.15	61.51	1157.04
217	216.0	57832171	.0185i	.00500	0.09900	.00727	1946.48	oi.5i	1864.97
218	596.0	45462535	.03369	.00400	.00736	.00727	554.55	61.51	493.04
219	203.5	14774257	.Ū4724	.00200	0.00000	.00727	527.81	61.51	406.59
22û	237.7	28655649	.03415	.00200	0.00000	.00727	876.43	oi .51	814.92
221	172.5	8866507	.04365	.00300	0.00000	.00727	373.68	o! .51	312.17
222	430.0	10130318	.04957	0.00000	0.00000	.00727	171.27	el.51	109.7c
223	384.5	18078945	.06439	.00398	0.00000	.08727	341.83	61.51	250.32
224	403.4	16741572	.03604	0.00000	. ∂6350	.00727	301.71	51.5.	240.20
225	167.0	10773754	.06235	.00200	0.00000	.00727	405.40	61.51	401.95
27.6	401.5	58155719	.02758	0.00000	.00129	.00727	1053.03	61.51	991.52
227	243.5	17112382	.05342	0.00000	.00971	.00727	519.91	61.51	447.40
228	139.0	10641709	.04403	.00400	.00771	.00727	556.58	61.51	495.07
229	6575.0	168667464	.08140	.00400	.02108	.00727	185.93	61.51	124,42
239	1212.5	12795266	.11895	.003?9	.0082~	.00727	70.72	61.51	15.21
231	1656.2	31601966	.07983	.00398	.02023	.00727	138.72	61.51	77.21
232	1651.8	20937425	.09043	.00349	.00460	.00727	92.15	61.51	30.o <del>4</del>
233	12139.6	216122462	•07296	.00394	.01916	.00727	129.43	61.51	07.92
234	2046.5	35288463	.06234	.00119	.00535	.00727	125.36	61.51	<b>63.</b> 85
235	478.5	10184310	.03962	0.00000	.00652	.00727	154.73	ol.5i	93.22
237	643.0	20389821	.05918	.00400	0.00000	.00727	230.53	61.5)	169.32
233	208.5	6589196	.07342	.00364	0.00000	.00727	229.75	61.51	158.24
237	642.5	21345287	.33668	.00400	0.00000	.00727	241.53	61.51	183.02
240 540	481.7	13371746	.04230	.003a0	.00800	.00727	202.12	61.51	140.01
241 545	322.0	14164096	204644 24555	0.00000	0.00000	.00727	319.79	61.51	258.25
242	108.5	8207005	.04559	.00400	0.00000	.59727	549.91	ا5. اه	486.40
243 243	486.5	9627717	.05924	0.00000	.01494	.00727	143.57	61.51	82,35
244 2.15	765.6	493247327	.00694	.00400	.00271	.00727	4663.79	ا5. اه	4622.28
245	319.5	11637231	.05262	.00400	,0043 <del>4</del>	.00727	264.80	61.51	203.29



246	587.5	7245186	.05346	0.00000	.00946	.00727	89.66	61.51	28.15
247	779.5	13523666	.06349	.00398	0.00000	.00727	126.13	ol .51	64.62
248	1037.0	16466831	.03861	.00385	.00210	.00727	115.22	61.51	53.71
249	420.5	6072170	.05336	.00394	0.00000	.00727	104.98	61.51	43.47
250	2909.0	44667539	.07355	.00350	.00746	.00727	111.58	51، اه	56.17
251	ამმ . 2	18322952	.04619	.00400	.00409	.00727	195.84	01.51	134.33
252	482.0	14828157	.05218	.00359	0.00000	.00727	223.65	61.51	162.14
253	4460.5	82945104	.06327	.00400	.00358	.00727	135.19	61.51	73.68
254	802.0	38090956	.05280	.00398	0.00000	.00727	345.29	01.51	283.78
255	314.0	21866431	.05611	.00400	.00373	.00727	506.27	61.51	444.76
256	333.0	10912236	.04719	.00400	0.00000	.00727	238.23	61.51	175.72
257	1746.Ū	2924855ა	.06149	.00399	.00527	.00727	121.79	61.51	60.28
258	620.Ü	16609438	.03809	.00296	.00391	.00727	194.76	61.51	133.25
259	43365.5	1110929480	.07554	.00400	.00203	.ûû727	186.23	61.51	124.72
ŹοŰ	5200.8	144884706	.04978	.00400	0.00000	.00727	202.30	61.51	140.77
261	3117.8	41372600	.07387	.09400	.00516	.00727	96.47	61.5:	34.76
262	1882.0	24968380	.07381	.00400	.00436	.00727	96.45	1.51	34.94
<b>263</b>	1803.0	16225664	.06645	0.00000	.00763	.00727	á5.42	61.51	3.91
264	942.3	26858120	.05278	.00397	.01392	.00727	207.17	01.51	145.66
265	1854.7	34073587	.08328	.00400	.00812	.00727	133.56	61.51	72.05
Z66	1740.1	23585193	.06137	.00399	.02028	.00727	58.54	61.51	37.03
267	:363.5	22491285	.05980	.00397	.00412	.00727	118.19	ol .5:	50.08
268	537.5	12703674	.05650	.00400	.00271	.00727	171.82	61.51	116.31
269	188.0	15884436	.05398	.00300	0.00000	.00727	614.25	61.51	552.74
270	459.0	26603844	.05092	.00350	0.00000	.00727	395.52	oi .51	334.31
271	406.0	21274100	.05351	.00250	0.00000	.00727	380.94	61.51	319.43
272	547.ů	16303704	.05904	.00400	.00227	.00727	210.69	61.51	155.18
273	780.0	25426604	.03700	.00400	.00638	.00727	236.99	61.51	175.48
274	475.5	24746636	.05995	0.00000	0.00000	.00727	378.36	61.51	31o.35
275	108.5	10255602	.05571	.00200	0.00000	.00727	687.17	61.51	o25.66
278	310.0	7377076	.07061	.00400	.00100	.00727	173.00	61.51	111.49
277	198.5	7587161	.07305	.00400	0.00000	.00727	277.88	61.51	216.57
280	124.0	8466891	.06549	.00200	0.00000	.00727	490.41	61.5!	434,79
261	504.6	23635372	.05343	.00279	0.00000	.06727	340.53	ol.51	277.02
282	440.9	17021619	.63781	0.00000	.00833	.00727	276.99	ol.51	215.39
283	177.5	4628351	.04818	:00348	0.00000	.00727	189.57	61.51	.20.00
264	54ú.5	25133780	.04765	0.00000	.00300	.00727	338	61.51	270.55
285	202.0	7198490	.03809	0.00000	.00841	.00727	259.07	ە1 ،5:	:77.50
286	501.0	11701541	.03708	0.00000	.00414	.00727	169.80	61.51	108.29
287	726.5	13150877	.05559	.00400	0.00000	.00727	131.40	61.51	۵۶ <b>۰</b> 8۶
268	495.Ü	8713964	.03677	.00395	.00485	.00727	127.21	61.51	65.79
289	667.7	10660544	.06287	.00348	0.00000	.00727	116.07	61.51	54.56
ŹŸŨ	2135.5	34353026	.06534	.00393	.00432	.00727	116.95	61.51	55.44
291	147.5	7945040	.07592	0.00000	0.00000	.00727	391.60	15.1ه	330.09
292	210.5	10759041	.08053	0.00000	0.00000	.00727	371 58	61.51	310.97
293	320 <b>.</b> 5	13817096	.05287	.00399	.00071	.00727	313.42	61.51	251.91
294	582.5	22945867	•04674	0.00000	0.00000	.00727	280.42	61.51	224.51
295	119.3	5762556	.07452	.00400	0.00000	.00727	351.03	51.51	289.54
297	417.0	14068970	.05592	.00400	0.00000	.00727	254.52	a1.5:	195.61
296	401.Ŭ	18080733	.03843	.00350	0.00000	.00727	327.60	61.51	200.29
ZŸŸ	208.5	18009184	.03691	.00500	0.00000	.00727	630.04	ا5.1ه	566.53
300	420.5	31364357	.04707	.00150	0.00000	.00727	542.26	61.51	480.75
301	91.Ü	10940580	.05850	.00400	0.00000	.00727	874.04	61.51	812.53
30.2	204.5	12492110	.04673	.09200	0.00000	.00727	444.10	61.51	382.57



303	322.5	21912017	.05565	.00397	.00624	.00727	493.95	61.51	432.44
304	123.5	9767700	.05915	.00273	.00718	.00727	574.99	61.51	513.48
305	6675.8	130025743	.07613	.00400	.00475	.60727	141.60	61.51	გს.09
306	57 ، 1	27173359	.03476	0.00000	.01517	.00727	300.64	61.51	239.13
307	334.Ù	8127226	.05022	.00400	.00245	.00727	(9.61	61.51	115.39
308	4697.3	111820437	.07198	.00200	.00630	.00727	155.00	oi.51	104.49
309	1472.5	33118199	.05649	.00400	.00242	.00727	163.51	oi .5i	102.00
310	51o.Ü	19147276	.05027	.00400	0.00000	.00727	269.77	ol.51	208.26
311	263.5	8673539	.06233	0.00000	.00707	.00727	239.30	61.51	177.79
312	1123.5	31188521	.04653	0.00000	.00216	.00727	201.82	61.51	140.31
313	2145.5	45166262	.05707	.00400	.00859	.00727	153.05	ol.51	91.54
314	149.5	10055999	.07197	.00400	.00442	.00727	489.01	61.51	427.50
315	1210.5	33323302	.06235	•00400	0.00000	.00727	200.13	61.51	138.62
310	142.5	7260366	.06304	.00400	0.00000	.00727	370.41	61.51	308.90
317	73.5	4578880	.07502	.00400	0.00000	.00727	452.90	oi.5r	391.39
318	472.5	15939619	.05998	.00400	0.00000	.09727	245.25	o1.5i	183.74
320	1170.1	19063197	.03289	.00400	.01591	.00727	117.96	61.51	56.45
321	1009.1	224298706	.03018	.00279	.00385	.00727	1615.95	ol.51	1554.44
322	413.5	10607277	.06116	.00300	0.00000	.00727	186.49	61.51	124.98
323	577.5	9570873	.06489	.00400	0.00000	.00727	120.49	61.51	58.98
324	168.Ü	6117627	.05082	.00400	0.00000	.00727	204.73	61.51	203.22
325	711.5	22685326	.05140	.00398	Ū.0Ū00Ū	.00727	231.80	01.51	170.29
326	227.5	13756829	.04706	.00190	0.00000	.00727	439.61	61.51	375.10
327	710.8	18246068	.05691	.00400	.00895	.00727	186.62	61.51	125.11
328	475.5	44532540	.0~628	.00250	0.00000	.00727	680.87	61.51	019.30
325	522.4	1 6406838	.05565	.00400	ŭ.0000ŭ	.00727	228.33	61.51	160.82
330	558.0	12531644	.06200	0.00000	0.00000	.00727	163.27	ها .51	101.70
331	1098.7	51413011	.05720	0.00000	.00617	.00727	340.20	61.51	278.69
332	307.0	34561 228	.04206	.00400	0.00000	.00727	818.44	61.51	756.93
333	1354.4	31535351	.05669	.00398	0.00000	.00727	169.27	61.51	107.76
354	265.0	11967894	.03240	.00350	0.00000	.00727	328.33	61.51	200.82
335	405.5	6795238	.04248	.00400	.00844	.00727	106.13	61.51	44.62
335 335	587.5	13778108	.04800	.00400	.00472	.00727	112.80	61.51	51.35
337	768.1	8203445	.04761	.00400	.01323	.00727	77.64	61.51	10.13
358	400.9	5609540	.05168	.00400	.00279	.00727	88.48	61.51	20.97
339	379.9	6351642	.04527	0.0000	.02581	.00727	121.55	61.51	50.04 50.04
340	715.5	9143616	.06858	.00400	.62501 .60625	.00727	92.91	51.51 ا5.1ه	31.40
341	529.0	9067162	.06520	.00400	.00023	.00727	124.61	ە: .51 1 .51	51.40 63.10
54Z	481.5	8330351	.04798	.00402	.01201	.00727	125.78	61.51	64.27
343	855.5	14095903	.06172	.00482	.00448	.00727	119.79	61.51	58.28
344	412.0	5458977	.04340	.00400	0.00000	.00727	96.33	ه۱.5۱	34.82
345	3374.5	78700961	.05545	.00398	0.00000	.00727	169.55	61.51	108.04
346	544.0	13271393	.05266	.00378	.00756	.00727	177.36	61.51	115.85
347	378.7	15186857	.07048	.00359	0.00000	.00727	291.55	61.51	230.04
348	918.2	12669100	.06524	.00337	.0096 <del>5</del>	.00727	100.31	ه۱۰۵۱	230.04 38.8û
349	283.5	11989551	.08059	.00400	0.00000	.00727	307.40	61.51	243.95
347 350	429.0	19710461	.05680	.00399					272.51
351	427.U 282.U	17710401 20108374	.03680 .04775	.00377	0.00000 0.00000	.00727	334.02	61.51	
352 352	1232.0					.00727	674.62 313.43	61.51 41.51	613.11 151.13
353		36033877 33443817	.07730 .07730	.00398 aaca	0.00000 .00394	.00727	212.63	61.51	151.12
554 554	1884.Û 222.5	28665817 15565652	.07429	.00393		.00727	110.62 504.77	61.51	49.11 45.2
		15507823 วกชะธรรร	.06990 05002	.00097 .0000	0.00000 0.00000	.00727	596.77 275.72	61.51	445.2c
355 554	552.1	20938582	.05002	.00200 00207	0.00000	.00727	275.72	ol.51	214.21
356 357	399.5	97118c6 5040453	.07473	.00397	0.09000	.00727	176.73	61.51	115.22
357	674.0	806865Z	.07218	.00393	.01649	.00727	87.03	61.51	25.52



358	402.5	8809426	.05716	.00398	0.00000	.00727	159.12	oi.5i	97.61
35ŷ	212.5	8841247	.06647	0.00000	0.00000	.00727	302.47	61.51	240.96
360	301.0	9793442	.07755	.00199	.00411	.00727	230.54	oi.5i	175.03
361	985.5	38843157	.06017	.00400	.09341	.00727	286.54	15.1ه	225.03
362	780.3	101714100	.02931	0.00000	.00478	.00727	947.00	oi.5i	880.15
363	5.50ه	110847385	.01965	.00400	.00473	.00727	1330.90	61.51	1207.37
364	900.0	26287915	.05818	.00400	0.00000	.00727	217.35	ا5.1ه	150.64
365	967.6	30396330	.04972	.00250	0.00000	.00727	228.38	61.51	100.87
300	560.0	19598346	.03847	.00350	0.00000	.00727	254.43	61.51	192.92
367	1096.0	15712899	8ە490.	0.00000	.02456	.00727	104.23	61.51	42.72
368	1442.6	28356915	.06962	.00399	.00321	.00727	142.91	61.51	81.40
Зоў	268.0	8402979	.05655	.00399	.01192	.00727	227.95	61.51	100.44
571	210.5	10680676	.05754	.00477	0.00000	.00727	368,88	61.51	507.57
372	0.10	8936539	·ú5473	.00398	.00653	.00727	108.10	ėl.51	46.59
373	3035.7	52972852	.08171	.00399	.00649	.00727	126.86	ol.51	65.35
374	490.0	41981130	.03455	.00400	0.00000	.00727	622.86	61.51	561.35
375	1163.0	43334984	.04075	.00400	.00138	.00727	270.89	01.51	205.55
376	541.1	15009149	.04207	.00400	0.00000	.00727	201.66	oi.51	140.15
377	778	16125474	.06943	0.00000	.00519	.00727	150.68	61.5i	89.17
378	514.5	10000387	.05769	.00397	.00517	.00727	141.31	61.51	79.80
379	1561.6	35961009	.04714	.00200	0.00000	.00727	158.10	δi .5i	96.59
380	599.0	15865127	.04799	0.00000	0.00000	.00727	192.55	01.51	131.04
581	251.5	9115444	.04553	.00404	0.00000	.00727	263.50	61.51	201.59
382	1324.0	40663939	.06256	.00200	.00427	.00727	223.28	61.51	161.77
383	5648.0	123846961	.06227	.00396	.00842	.00727	153.95	61.51	72.44
384	248.5	7832754	.05119	.00199	0.00000	.00727	229.15	61.51	107.04
385	1504.0	26682188	.08268	.00400	.00959	.00727	124.03	61.51	62.52
386	288.0	10261054	.06136	0.00000	.01495	.00727	259.02	61.51	197.51
387	388.0	9717134	.04612	.00387	0.00000	.00727	182.07	61.51	120.56
358	352.5	16940246	.05749	.00200	.00783	.00727	349.38	61.51	287.87
369	691.5	21804855	.05684	.00393	.02638	.00727	229.24	ا5، اه	107.73
390	141.5	6818377	.04406	.00123	0.00000	.60727	350.32	61.51	288.81
392	475.5	16147636	.04490	0.00000	0.00000	.00727	246.88	51،51ء	165.5
393	303.0	9011581	.06374	.00400	0.00000	·90727	230 1	01.51	167.11
394	1233.0	13343104	.07936	.00399	.00249	.00727	78.67	¢1.51	17.10
395	364.0	26653509	.04618	.00100	0.00000	.00727	532.34	61.51	470.83
376	هُ\$5.2	9134452	.05089	.00350	.06582	.00727	96.92	oi .5i	25.41
397	294.5	12842128	.04498	0.00000	0.00000	.00727	317.02	61.51	255.51
398	412.5	11411769	.05275	.00387	.00400	.00727	201.12	61.51	139.61
399	170.5	18988252	.04611	.00112	0.00000	.00727	809.65	oi.5i	748.14
400	794.5	24118570	.05920	.00311	.00938	.00727	220.69		159.18
401	173.0	15502771	.05₀48	.00200	0.00000	.00727	651.47	61.51	567.50
402	1813.5	26096927	.05724	.00400	•0054ú	.00727	104.62	oi.5i	43.11
403	352.0	17145671	.04949	0.00000	0.00000	.00727	354.12	61.51	292.61
4û4	745.9	12327327	.03589	0.00000	.01913	.00727	120.15	i5. اه	58.64
405	750.1	24012707	.04658	.00400	0.00000	.00727	232.73	61.51	1722
406	480.9	5260115	.03061	0.00000	0.00000	.00727	79.52	oi.51	18.01
4-17	1232.7	56570307	.06791	,00400	0.00000	.00727	373.63	61.51	272.12
466	539.5	14102673	.05187	0.00000	.00305	.00727	190.04	ol.51	128.53
40ÿ	1677.1	32278259	.06619	0.00000	.00592	.00727	139.92	61.5i	73.41
410	596.7	16547315	.05110	.00383	.00424	.00727	201.61	61.51	140.16
411	248.3	5930241	.06093	.00475	0.00000	.00727	173.63	oi.5i	112.12
412	529.0	16625938	.06274	.00400	.00352	.ûû727	228.49	oi .5i	166.75
413	1943.0	38690813	.06300	.00400	.02482	.00727	144.77	61.51	<b>33.</b> 26



415	1100.1	2 <b>7</b> 684377	.06254	.00457	.00474	.00727	182.95	61.51	121.44
416	1024.ŭ	19888813	.05708	.00399	.00867	.00727	141.20	ol.51	79.69
417	972.5	27121605	•93650	.00200	.00780	.00727	202.75	01.51	141.24
418	2288.3	770239 <b>7</b> 4	.06040	.00417	.00289	.00727	244.71	01.5:	183.20
417	384.5	13469387	ە9502.	.00607	0.00000	.00727	254.67	61.51	193.10
420	629.0	12260552	.02984	• 00400	.00535	.00727	141.71	61.51	88.2e
421	378.5	7262025	.04926	.00400	0.00000	.00727	139.48	61.51	77.97
422	430.0	21407373	.03132	.00399	0.00000	.ûû727	361.93	ol.51	300.42
423	426.0	15939512	.06272	.00403	.00716	.00727	272.02	61.51	Z'0.51
424	118.0	13804876	.05570	.00400	0.00000	.00727	850.52	61.51	789.01
425	295.5	5133198	.05585	0.00000	.01476	.00727	126.29	61.51	<b>64.</b> 78
420	259.0	9465551	.05236	.00200	0.23000	.00727	265.69	61.51	204.18
427	6û5 <b>.</b> 5	19818703	.05071	0.00000	0.00000	.00727	237.96	.5. اه	176.45
428	3328.9	89728376	.06887	0.00000	.00139	•ûù727	195.90	61.51	134.45
429	382.5	4662137	.03760	.00398	.00909	.00727	88.61	ا5. اه	27.10
430	643.7	11642302	4ەن50.	• 0 0 4 0 0	.02514	.00727	131.49	61.51	۵۶ <b>.</b> ۶۶
451	691.Û	27659661	.06194	0.00000	.01327	.ûû727	291.01	61.51	229.50
432	403.5	13792788	.04507	0.00000	0.00000	.00727	248.51	61.51	187.00
433	199.5	5904453	.07589	0.00000	.00898	.00727	215.16	61.51	153.65
434	1215.2	14450326	.ū5040	.00400	0.00000	.00727	86.45	61.51	24.94
435	1386.5	25682961	.06288	•û040û	.00472	.00727	134.67	61.51	73.10
436	804.7	14945119	.04141	0.00000	.00304	.00727	135.02	61.51	78.51
437	5319.6	66379379	.057û7	.00400	.01344	.00727	145.37	61.51	83.80
438	353.8	20919817	.05468	•00400	.00116	.00727	429.87	61.51	366.30
439	359.0	5411534	.05611	0.00000	.01193	.00727	98.6Ŭ	61.51	37.09
440	718.0	15156397	.07054	•00435	.00598	.00727	153.46	61.51	91.95
441	941.0	21871724	.05267	•00400	0.00000	.00727	108.95	61.51	107.47
442	378.1	12033020	.04453	0.00000	.00218	.00727	251.37	61.51	107.50
443	4120.1	91821236	.05890	.00398	0.00000	.00727	162.02	61.51	100.51
444	386.0	25252713	.03601	.00400	0.00000	•00727	475.61	61.51	414.10
445	2765.å	50707764	.05751	.00398	ەد100.	.00727	133.30	61.51	71.79
44ે6	2343.8	46610250	•0o14ò	.30040	0.00000	•00727	144.58	61.5i	83.07
447	c40.5	8766767	•04539	0.00000	.00947	.00727	59.51	61.51	56.99
448	386.5	12565908	.05589	.00391	0.00000	.00727	230.30	ol.51	174.85
449	ბაშ.0	10438211	.û5 <u>61</u> û	.00864	.00751	.60727	118.94	61.51	57.43
45ů	3226.5	54215264	.06100	•00295	.00955	.00727	122.16	اڌ. يه	60.65
451	220.0	5137652	.03112	0.00000	0.09000	.00727	169.78	6i.5i	108.27
452	493.0	<b>6590795</b> 8	.02580	•00200	.00297	•ûù727	970.73	01.51	909.22
453	4260.0	62118557	•07290	.00397	.00077	.00727	106.01	61.51	44.50
454	342.0	4709609	•04032	.00400	0.00000	.00727	100.11	٥١.5١	38.86
455	152.5	7198536	.36898	0 00000	0.00000	.00727	343.17	61.51	261.06
450	329.5	6018134	.04386	.00400	0.00000	.00727	132.78	ol .5i	71.27
457	5 <sub>6</sub> 29.1	153976395	.05690	.00165	.00673	.00727	198.86	01.51	137.35
458	1150.6	14656197	.07963	.00392	.00451	.00727	92.60	ا5. اه	21.09
459	284.0	12266609	.04185	.00423	0.00000	.00727	314.01	ا5. اه	252.53
460	742.0	22721326	.05144	.00400	.00402	.00727	222.62	61.51	161.11
461	781.0	13812733	.03358	.00348	.01843	.00727	128.58	ol .51	67.07
402	409.5	11708442	.04490	.00394	.00576	.00727	207.86	16.10	145.55
465	360.0	o5171co	80000.	0.0000	.00834	.00727	151.61	o1.51	70.16
404	1251.0	17680023	.06440	.00390	.01847	.00727	102.74	61.51	41,23
465	2273.1	50910359	.96256	.00399	.00954	.00727	162.65	51.51	10:.32
460	1102.0	35583300	.05744	0.00000	.01026	.00727	234.75	01.51	173.24
467	563.0	28907353	.ūoūži	0.00000	0.00000	.00727	373.28	61.51	511.77
468	119.0	10398531	.04753	.00400	.01967	.90727	ە35.27	61.51	573.76



469	1461.5		.05125	.00397	.02853	.00727	75.62	ol •51	14.11
470	2907.4		.05671	.00399	.00915	.00727	140.80	61.51	79.25
471	159.5		•04642	.00383	.01246	.00727	313.00	61.51	251.55
473	1205.0	30702048	•05450	.00200	0.00000	.00727	185.23	el.51	123.72
474	146.0	12794335	.05989	.00400	0.00000	.00727	637.09	51.51	573.58
475	6557.7	61729817	.03623	.00400	0.00000	.00727	68.43	61.51	6.92
476	122.Û	10639601	.08320	.00491	0.00000	.00/27	634.0Z	ol.51	572.51
477	22 <b>ü</b> .ü	11989562	.03591	.00400	.00430	.00727	390.20	د1.51	334.69
47ÿ	257.5	8011564	.04629	0.00000	0.00000	.00727	226.19	ol.51	164.68
480	3391.0	89826767	.05979	.00398	.00304	.00727	192.58	c1.51	131.07
481	375.8	11538558	.05950	.00400	0.00000	.00727	223.22	61.51	161.71
482	367.0	20346568	.06262	.00200	.00326	.00727	403.05	1.51ء	341.54
483	56 <b>0 .</b> û	34398913	.04498	.00298	0.00000	.00727	446.57	61.51	383.0a
484	871.0	22403318	.05332	.00348	.00358	.00727	182.80	c1.51	121.29
485	251 . Ū	7410261	.03880	0.00000	.00756	.00727	214.05	15.1ه	153.12
487	559.6	9331237	.06082	00452 <sub>-</sub>	.00034	.00727	121.01	ol.5i	53.50
488	326.5	10422576	.05550	.00400	0.00000	.00727	232.07	ا5. اه	176.56
459	3266.1	80071787	.07593	.00400	.00409	•00727	178.23	61.51	116.72
4ÿū	2017.0	41954725	•û6658	.00200	0.00000	.00727	151.22	61.51	89.71
451	783.2	7467929	.05242	.00388	.00582	.00727	69.32	61.51	7.81
492	234.0	1187343ü	.06401	.00104	.01120	.00727	368.89	1.51ه	307.38
495	1231.5	27330226	.06547	.00400	.00986	.00727	161.34	51.10ء	99.83
494	419.Ü	36458565	.04205	.0044ū	0.00000	.00727	632.59	61.51	571.08
495	1092.0	35473062	.û6752	0.00000	0.00000	.00727	236.03	61.51	174.52
496	152.0	10099755	.07363	0.00000	0.00000	.00727	511.76	61.51	450.25
497	7639.6	195279705	.07137	.00398	.00442	.00727	185.83	61.51	124.52
478	371.2	10093058	.06152	.00150	.00898	.00727	187.57	01.51	120.00
459	704.5	4835130	.04379	.00400	0.00000	.00727	49.50	01.51	-11.01
500	22131.4	326875449	.ū4466	.00247	.0ü344	.00727	107.38	61.51	45.67
50 l	14181.7	325760905	.08358	.00300	.00092	.00727	167.00	61.51	105.49
502	189.0	13071900	.04761	.00400	0.00000	.00727	502.82	61.51	441.31
503	1957.5	29621570	.06475	.00400	.00267	.00727	110.01	ol.51	48.50
.4	456.0	10224768	.03702	.06400	บั.บั∟ั^บ์บ์	.00727	102.30	ci.51	.30.75
5.3	312.0	4687727	.04224	.60480	.00642	.00727	109.23	61.51	47.73
506	1005.1	26801962	. 84950	.00460	.003ŏZ	.00727	121.39	61.51	59,22
507	382.0	73310681	.Ū236Ū	0.00000	.00272	.00727	1395.21	ol."	1333.73
508	659.ù	10519906	.04281	.00400	.00870	.00727	69.03	61.51	27.52
507	215.5	6639020	.0605(	.00395	0.00000	.00727	223.97	0:.51	132.45
511	234.0	12919652	.05210	.00400	.01186	.00727	401.39	61.51	387,56
512	29068.1	795559111	.07714	.60400	.00052	.00727	199.22	o:.51	137.71
TÜTAL	399755.2	11255101979	.05470 Mn	.00388 Mn	.00411 Mn	.00727 Mn	3 <u>13.00</u> Mn	61.51 MM	251.49 ra



### APPENDIX 1 B

SELECTED GENERAL DATA
ON
KANSAS USDs

BY
WEALTH PER PUPIL
WITHIN
RURAL AND URBAN
SUBGROUPS



บรัง	FIE	t∤) N#DJ	GF 187 MILLS	C.O. MILLS	ēģi Mills	STATE MEAN LEVI FOR CO + &AI	WEHLTA PER PUPIL AT STATE MEHN	STATE APM	STHTE UPPHARA
URBAN	i WEALTH FE	R PUPIL MINUS (	irban apm ff	ROM HIGH MO	LOW				
321	1007.1	224298706	.03018	.00279	.00385	.00727	1615.95	oi .51	1554.44
214	1500.1	149167192	.03067	0.05000	0.00000	.00727	722.92	01.51	661.4:
331	1098.7	51413011	.05729	0.00000	.00617	.00727	540.20	61.E1	278.59
407	1232.7	56570307	.06791	.00400	0.00000	.00727	333.63	cl.51	272.12
375	1163.0	43334984	.04075	.00400	.00138	.00727	275.89	61.51	297.36
418	2288.3	77023974	.06040	.00417	.00289	.00727	244.71	oi .51	183.20
495	1092.6	35473062	.06752	0.00000	0.00000	.00727	236.03	61.51	174.52
466	1102.0	35583300	.05744	0.00000	.01026	.00727	234.75	61.51	173.24
382	1324.0	40663939	.06256	.00200	.00427	.00727	223.28	61.51	161.77
352	1232.0	36033877	.07730	.00398	0.00000	.00727	212.03	61.51	1512
Z65	5206.8	144884706	.04978	.00400	0.00000	.00727	202.30	61.51	140.77
312	1123.5	31188521	.04653	0.00000	.00216	.00727	201.82	ol.51	140.3:
315	1210.5	33323302	.06235	.00400	0.00000	.00727	200.13	ol.51	138.62
512	27068.1	796559111	.07714	.00400	.00052	.00727	199.22	61.51	187.71
457	5629.1	153976395	.05690	.00165	.00673	.00727	198.56	ol.51	137.35
428	3328.9	89728376	.06887	0.00000	.00139	.00727	195.90	61.51	134,45
480	3391.0	89826767	.05979	.00398	.00304	.00727	192.58	61.51	131.07
259	43368.5	1110929480	.07554	.00400	.00203	.00727	185.23	61.51	124.72
229	o595.0	168667464	.08140	.00400	.02108	.00727	185.93	61.51	124.42
497	7639.6	195279705	.07137	.00398	.00442	.00727	185.83	61.51	124.32
473	1205.0	30702048	.05459	.00200	0.00000	.00727	185.23	ا5.1ه	123.72
415	1100.1	27654377	.06254	.00457	.90474	.00727	162.95	د5.1ه	121.44
489	3256.1	80071787	.07593	.00400	.00499	.00727	178.23	ه1.51	110.72
345	3374.5	78700961	.05545	.00398	0.00000	.00727	169.55	ol .51	198.0+
3 <b>3</b> 3	1354.4	31525351	•05669	.00398	0.00000	.00727	169.27	61.51	107.75
501	14181.7	325760905	.08358	.00300	.00092	.00727	167.00	61.51	165.47
308 336	4897.3	111820437	.07198	.00200	.00630	.00727	199.00	61.51	104,40
309 465	1472.5	33118199	.05649	.00400	.00242	.00727	103.51	61.51	102.00
403 443	2273.1	50910359	.06256	.00399	.00954	.00727	162.53	61.51	101.52
493	4120.1 1231.5	91821336	.05890	.00398	0.00000	.00727	162.02	61.51	190.31
473 379	1561.6	27330226	.06547	.00400	.00986	.00727	161.34	61.51	99.83
383	5848.6	33961009 123846961	.04714	.00200	0.0000	.00727	158.10	61.51	95 <b>.</b> 59
313	2145.5	45166262	.06227	.00396	.00842	.00727	153.95	61.51	92.44
490	2017.0	41 954725	.05707	.00400	.00859	.00727	153.05	oi .5l	91.54
101	1104.5	22376356	.06658 .05190	.99200	0.00000	.00727	151.22	ئة. اه	87.7:
437	3319.0	56379379	.05707	.00400 66466	0.00000	.00727	147.28	61.51	85.77
413	1943.0	38690813		.00400	.01344	.00727	145.37	61.51	53.65
440	2343.8	46610230	.06300 .06146	.00400 20040	.02482 6.00666	.00727	144.77	61.51	83.25
368	1442.0	28356915	.00140 .00962	.30040 იივია	0.00000 0.0000	.00727	144.58	61.51	ā3.07
305	0675.8	130025743	.00702	.00399 .00400	.00321 .6475	.00727	142.91	61.51	8: .40
410	1024.0	19888813	.07513	.00400 .00399	.60475 60347	.00727	141.60	61.51	80.09
470	2967.4	57472165	.05671	.00379	.00867	.00727	141.20	01.5.	79.oÿ
		01 11 21 00	1000/1	100377	.00915	.00727	140.80	ا5. اه	79.29



409	1677.1	32278259	.06619	0.00000	.00592	.00727	139.92	61.51	78.41
231	1656.2		.07583	.00398	.02023	.00727	138.72	61.51	70.41
253	4469.5	82745104	.06327	.00400	.00358	.00727	135.19	el.51	77.2: 73.65
435	1386.5	25682961	.06288	.00420	.00472	.00727	134.67	el.51	75.25 75.26
265	1854.7	34073587	.08328	.00460	.00812	.00727	133.55	61.51	
445	2755.6		.05751	.00398	.00166	.00727	153.30	oi.5i	72.05 71.77
233	12137.6	216122462	.07296	.00394	.01916	.00727	129.43	61.51	
373	3035.7	52972852	.08171	.00379	.00649	.00727	126.86	61.51	67.92
234	2045.5	35288463	.06234	.00119	.00535	.00727	125.35	61.51	o5.35
385	1564.0	26682188	·08268	.00400	.00555	.00727	124.03	61.51	63.85
450	3226.5	54215264	.06100	.00295	.00955	.00727	122.16		62.52
257	1746.0	29248558	.06149	.00399	.00527	.00727	121.79	61.51	60.63 46.65
500	1605.1	2:901962	.04950	.00400	.00362	.00727	121.77	61.51	60.28
267	1383.5	22491285	.05780	.00397	.00412	.00727	115.19	61.51	57 68 51
320	1176.1	19083197	.03289	.00400	.01597	.00727	117.76	o1.5)	56.00
ZŶŨ	2155.5	34353026	.06534	.00393	.90452	.00727	110.70	61.51	36.45
248	1039.0	16466831	.03861	.00385	.00210	.00727		ol .51	55,44
250	2707.0	44687539	.07355	.00350	.00210	.00727	115.22	ol .51	53.71
353	1884.0	28665817	.07429	.00393	.00394	.00727	111.66	61.51	50.17
294	2073.0	31441142	.07322	.00400	.01590	.00727	110.62	61.51	49.11
503	1957.5	29621570	.0.475	.00400	.00267	.00727	110.26	61.51	48.75
590	22151.4	326875449	.04466	.00247	.00287		110.01	oi .51	48.50
453	42oŭ.0	62118557	.07290	.00297	.00099	.00727	107.38	61.51	45.87
402	1813.5	26096927	.05724	.00400	.00540	.00727	105.01	61.51	44.50
367	1076.0	15712899	.03724	0.00000		.00727	104.62	61.51	43.11
464	1251.0	17680023	.04700 .06440	.00370	.02456	.00727	104.23	61.51	42.72
202	3336.1	53148939	.06428	.00379	.01847 .00066	.00727	102.74	ئة. lo	41.23
260	1740.i	23585173	.06137	.00377		.00727	100.73	61.51	39.22
261	3117.8	41372600	.07387	.00377	.02028	.00727	98.54	61.51	37.65
262	1882.0	24968380	.07351	.00400	.00516 .00436	.00727	96.47	61.51	34.96
456	1150.6	14656197	.07963	.00392		.30727	96.45	61.51	34.74
252	1051.8	20937425	.09043	.00372	.00451	.00727	92.60	ol.51	31.09
434	1215.2	14450326	.05040	.00400	.00460 3 aggs a	.00727	52.15	oi .51	20.54
354	1233.0	15343194	.03049	.00399	0.00060 66340	.00727	80.45	ol.51	24,34
250	1212.5	12795266	.11895	.00377	.00249	.00727	78.57	oi .51	.7.1:
409	1401.5	15202744	.05125		.00822	.00727	72.72	61.51	:5,2.
475	6557.7	61729817	.03523	.00397	.02853	.00727	75.62	ol .5!	:[
263	1603.0	16225664	.03323 .06645	.00400 0 40600	0.00000	.00727	68.43	61.51	9.72
200	109510	10223004	.00043	0.00000	.00763	.00727	65.42	ol.51	3.71
	301608.0	6794442983	.06338 Mr	.00695 Ma	.00603 Mn	.00727 Mn	174.90	61.51 M	118.39
RURAL	. WEALTH PER	PUPIL MINUS RI	URAL APM FRO	M HIGH TO LG	'u				
244	765.6	493247327	.00694	.00400	.00271	.00727	4683.79	1.51ء	4622.28
209	145.3	61573700	.61330	.00400	0.00000	.00727	3080.77	61.51	9022.28 3017.27
217	210.0	57832171	.01851	.00380	0.98669	.00727	1945.48	61.51	1884.77
				<del></del>			*/ 70 170	21.27	4 UUT • 7 (

.00727 1940.48 1554.77 δi .51 2:5 o85.ii 138878950 .01704 0.00000 .00052 .00727 1473.94 61.51 1412.43 507 382.0 73310681 .02060 0.00000 .00272 .00727 1395.21 61.51 1888.70 ชีริ7.5 ŽĺŮ 172138611 .02076 0.00000 0.00000 .00727 1394.37 61.51 1352.86 305 ა05.5 .01965 110847585 .00400 .00473 .00727 1330.90 61.51 1265.39 216 254.5 44148764 .01981 .00400  $\bar{0}.0000\bar{0}$ .00727 1261.15 61.51 1177.04 226 401.5 58155719 .ú2758 0.00000 .00727 .00129 1053.03 61.51 991.52



452	473.6	65907953	.02580	.00200	.00297	.00727	<b>570.</b> 73	ol.51	905.22
36Z	780.3	101714100	.02931	0.00000	^^478	.00727	947.06	01.51	880.15
22 <del>0</del>	237.7	28555649	.03415	.00200	0. 10000	.09727	876.43	61.51	814.72
501	91.0	10940580	.05850	.60400	0.00000	.00727	874.04	61.51	812.55
424	118.0	13804876	.05570	.00400	0.00000	.06727	850.52	61.51	787.61
332	307.0	34561228	.04206	.00400	0.00000	.00727	818.44	oi.5i	75 <b>6.</b> 93
599	170.5	18988252	.04611	.00112	0.00000	.00727	809.63	61.51	
275	108.5	10255602	.05571	.00200	0.00000	.00727	687.17		746.14
328	475.5	4453254û	.05628	.00250	0.00000	.00727	680.87	61.51	625.65
35i	282.0	26168374	.04775	.00300	0.00000	.00727	674.62	61.51	619.36
200	336.7	30626428	.04465	.00399	0.00000	.00727		61.51	613.11
401	173.0	15502771	.05648	.00200	U.00000	.00727	661.28	61.51	599.77
474	146.Û	12794335	.05989	.00400	0.00000	.00727	651.47	61.51	589.90
468	119.0	10398531	.04753	.00400	.01967		637.09	61.51	575.58
476	122.0	10637601	.08320	.00491	0.00000	.00727	635.27	:1.51	573.76
494	419.0	36458565	.04205	.00471	0.00000	.00727	634.02	61.51	572.5.
299	208.5	18069184	.03691	.00440		.00727	632.59	ol.5i	571.69
374	490.0	41981130	.03455		0.00000	.00727	630.04	61.51	568.53
209	188.0	15884436	.05398	.00400	0.00000	.00727	622.86	61.51	561.35
304	123.5	9767700	.05915	.00300	0.00900	.00727	614.25	61.51	552.74
228	139.0	10641709		.00273	.00718	.00727	574.99	61.51	513.46
218	595.0	45462536	.04408	.00400	.00771	.00727	556.58	61.51	495.07
242	108.5		.03369	.00400	.00736	.00727	554.55	oi.5i	473.04
242 300	100.5 120.5	8207005	.04559	.00490	0.00000	.00727	549.91	ا5.1ه	488.40
375		31364357	.04707	.00150	0.00000	.00727	542.26	61.5i	480.75
215	554.0	26653509	.04618	.00100	0.00000	.00727	532.34	61.51	470.83
	203.5	14774257	.04724	.00200	0.00000	.00727	527.81	61.51	400.36
103	225.5	16082626	.06436	.00400	0.00000	.00727	518.50	أ 51. أه	456.55
496	152.0	10699755	.07363	0.00000	0.00000	.00727	511.76	61.51	450.25
227	243.5	17112382	.05342	0.00000	.00971	.00727	510.71	61.51	449.40
354	222.5	15509823	.06990	.00097	9.00000	.00727	506.77	61.51	445.25
255	314.0	21866431	.05611	.00400	.00373	.00727	506.27	61.51	444.76
502	169.0	13071900	.04761	.00400	0.00000	.00727	502.82	oi.51	441.31
280	124.0	8400591	.06549	.00200	0.00000	.00727	496.41	61.51	434.91
393	322.5	21912017	.05565	.00397	•00624	.00727	493.95	61.51	452,44
314	147.5	10055799	.07197	.00400	.00442	.00727	489.01	01.51	427.50
444	386.0	25252713	.03601	.00400	0.00000	.00727	475.61	61.51	414.16
225	loỹ.Đ	10773754	.06235	•00200	0.00000	.09727	463.46	61.51	401.95
317	73.5	4578880	.07502	•00400	0.00000	.00727	452.90	61.51	391.39
483	560.B	34398913	.04498	.00298	0.00000	.00727	446.57	61.51	385.00
302	204.5	12492110	.û4673	.00200	0.00000	.00727	444.10	61.51	382.57
320	227.5	13756829	.04706	.00190	0.00000	.00727	439.61	61.51	378.19
438	353.8	20919817	.05468	•00400	.00116	.00727	429.87	61.51	368.30
482	367.0	20346568	.06262	.00200	.00326	.00727	403.05	61.51	341.54
511	234.0	12919652	.05210	.00400	.01186	.ůû727	401.39	61.51	337.68
477	220.0	11989562	.03591	.00400	.00430	.00727	396.20	61.51	554.07
27ū	489.0	26603844	.05092	.00350	0.00000	.00727	395.52	61.51	334.01
ZŸ1	147.5	7945040	.07592	0.00000	0.00000	.00727	371.50	61.51	330.0°
271	406.0	21274100	.05351	.00250	ŭ.0ŭūŭŭ	.00727	380.94		
274	475.3	24740036	.05995	0.00000	0.00000	.00727	375.35	61.3I	317.45
104	205.0	10645149	.07400	.00400	0.00000	.00727		61.5.	310.05
221	172.5	8866507	.04365	.00306	0.00000 0.00000	.00727	377.51	61.51	310.30
467	5o3.ú	28907353	.06021	0.00000	0.00000 0.00000		373.68 373.68	61.51	312.1
292	210.5	10759041	.08053	0.00000	0.0000 0.0000	.00727 00727	373.28	61.51	511.77
316	142.5	7260366	.06003 .06304	.00400	0.00000 0.00000	.00727	371 <b>.</b> 58	01.51	310.07
		. 200000	100001	.00700	0.00000	.09727	370.41	61.51	308.90



472	234.ū	11873430	.06401	.00104	.01120	.00727	368.89	61.51	307.38
371	210.5	10680676	.05754	.00477	0.01700	.00727	368.56	o1.51	307.37
422	430. <sub>.</sub> 0	21407373	.03132	.00399	0.00000	.00727	361.93	61.51	300.42
403	352.0	17145671	.04747	0.00000	0.00000	.00727	354.12	e1.51	292.6.
295	119.3	5762856	.07452	.00400	0.00000	.00727	351.03	61.51	287.52
213	128.0	6173979	.07397	0.00000	0.00000	.00727	350.66	01.51	287.15
390	141.5	6818399	.04406	.00123	0.00000	.00727	350.32	01.51	263.81
368	352.5	16940246	.05769	.00200	.00783	.00727	349.38	61.51	287.87
254	802.Ū	38090956	.05280	.00398	0.00000	.00727	345.29	61.51	283.78
455	152.5	7198536	.06898	0.00000	0.00000	.00727	343.17	61.51	281.00
223	384.5	18078945	.06439	.00398	0.00000	.08727	341.83	61.51	280.32
281	504.6	25635372	.05343	.00279	0.00000	.00727	340.53	01.51	279.02
254	540.5	25133780	.04765	0.0000	•00300	.00727	333.05	oi .5i	276.55
350	429.0	19710461	.05680	.00399	0.90000	.00727	334.02	61.51	272.51
354	265.0	11967894	.03240	.00350	0.00000	.00727	328.33	61.51	200.02
298	401.0	18080733	.03843	.00350	0.29800	.00727	327.86	15.1ه	200.27
241	322.0	14164066	.04644	0.00000	0.00000	.00727	319.79	61.51	258.28
397	294.5	12842128	.04498	0.00000	0.00000	.00727	317.02	oi.5i	255.51
459	284.0	12266609	.04185	.00423	0.00000	.00727	314.61	61.51	252.50
293	320.5	13817096	.05287	.00399	.08091	.00727	313.42	61.51	251.51
47i	157.5	6868303	.ū4642	.00383	.01246	•ŭū727	313.06	61.51	251.55
349	283.5	11989551	.08059	.00400	0.00000	.00727	307.46	61.51	245.95
359	212.1	8841 147	.06647	0.00000	0.00000	.00727	302.47	51.16	240.95
224	403,4	167 11172	.03604	0.00000	.00350	•90727	301.71	61.51	240.20
300	657.1	27173399	.03476	0.00000	.01517	.00727	300.64	61.51 -	239.13
347	378.7	15186957	.07048	.00359	0.00000	.00727	291.55	51.16	230.04
431	671.0	27659661	.06194	0.00000	.01327	.00727	291.01	ol.51	229.53
208	607.5	24312310	.05514	.00300	.00244	.00727	290.95	51.16ء	229.44
361	985.5	38843157	.06017	.00400	.00341	.00727	280.54	61.51	225.03
294	582.5	22948867	.04694	9.00000	0.00000	.00727	286.42	61.51	224.91
279	178.5	7587161	.07305	.00400	0.00000	.00727	277.88	o1.5i	216.37
252	446.9	17021619	.03781	9.00000	.00833	.00727	270.90	əl.Zi	215.27
355	552.1	20938582	.05002	.00200	0.00000	.00727	275.72	01.5£	214.21
423	426.Ū	15939512	.06272	.00403	.00716	.00727	272.02	<b>61.51</b>	213.51
310	510.0	19147276	.05027	.00400	0.00000	.00727	269.77	oì.5i	268.25
425	259.0	9465551	.05236	.00200	0.00000	.00727	255.69	61.51	204.16
245	319.5	11637231	.05262	.00490	.00434	.00727	264.80	61.51	203.29
324 331	168.Ū	6117627	.05082	.00400	0.00000	.00727	264.73	15.1ه	203.22
381 265	251.5 202.0	9115444 7166468	.04553	.00404	0.00000	.00727	263.50	61.51	201.97
295 386	202.0 288.0	7198490	.03809	0.00000	.00841	.09727	259.97	oi.5i	197.56
419	384.5	10261054 13469387	.06136	0.00000	.01495	.00727	259.02	61.51	197.5:
297	419.Ū		.05026	.00607	0.00000	.00727	254.67	61.51	175.10
366	717.U 560.0	14668970 19598346	.05592	.00400	0.00000	.00727	254.52	61.51	193.01
206	506.0	17447915	.03847	.00350	0.00000	.00727	254.43	oi.51	192.92
212	203.5	6991725	.06452	.00413	0.00000	.00727	250.68	61.51	189.17
10Z	203.3 578.ຍ	17834212	.06234	.09536	0.00000	.00727	249.78	61.51	122.27
432	403.5	13792788	.06992 04507	.00400	0.00000	.00727	249.47	61.51	167.90
392	403.5 475.5	16147636	.04597 .04490	0.00000 a aaaaa	0.00000 a aaaaa	.00727	248.51	61.51	187.11
318	472.5	10147636 15939619	.04490 .05998	0.00009 66465	0.0000 0.0000	.00727	246.86	oi.5i	185.37
239	642.5	21345287	.03668	.00400 იიკიი	0.00000	.00727	245.25	ol .51	185,74
311	203.5	8673539	.03000 .062 <b>3</b> 3	.00400	0.00000 00707	.00727	241.53	oi .5i	180.32
256	333.0	6673337 10912236	.00233	0.00000 ·	.00707	.00727	239.30	ە1 .51	177.79
427	۵05 <b>.</b> 5	15818703	.04719	.00400 0.00000	0.00000	.00727	238.23	ol .5i	170.72
	*****	17010700	.03971	0.00000	0.00000	.00727	237.96	61.51	170.45



273	780.0	25426604	.03700	.00400	.00638	.00727	236.99	61.51	175.48
SδŪ	301.0	9793442	.07755	.00199	.00411	.00727	236.54	61.51	175.48
448	პმი.5	12565908	.05589	.00391	0.00000	.00727	230.30	0:.51	175.03 174.85
405	750.1	24012707	.04658	.00400	0.00000	.00727	232.73	ادً. اه	17:,22
488	320.3	10422576	.05550	.00400	0.00000	.00727	252.07	61.51	170.5e
325	711.5	22685326	.05140	.00398	0.00000	.00727	231.60	ا5. اه	170.29
442	378.1	12033020	.04453	0.00000	.00218	.00727	251.37	61.51	
393	303.Û	9611881	.06074	.00400	0.00000	.00727	231.37 230.62		109.80
237	643.0	20389821	.05918	.00400	ō.00000	.00727	230.62	1.51ه	169.11
238	203.5	6569196	.07342	.ũū364	0.00000	.00727	229.75	ə1.51 .1.≅1	109.02
389	691.5	21804853	.05684	.00353	.02638	.00727	229.24	61.51	168.24
384	248.5	7832754	.05119	.00179	0.00000	.00727	227.24 229.1 <sup></sup>	61.51	167.73
412	529.0	16625938	.06274	.00490	.00352	.00727		61.51	107.04
365	967.6	30395330	.04972	.00250	0.0000	.00727	228.47 225.22	61.51	165.98
329	522.4	10406838	.05565	.00400	0.00000	.00727	228.36	61.51	100.57
369	Ž68.Ū	8402979	.05655	.00399	.01192		228.33	ol.5i	100.82
479	257.5	8011564	.04629	0.00000	0.00000	.00727	227.95	61.51	100.44
วับวั	215.5	6639020	.06056	.00395	0.00000 0.00000	.00727	226.19	ól .51	104.08
252	482.0	14828157	.05218	.00379		.00727	223.97	61.51	162.40
481	375.8	11538558	.05210	.00377 .00400	0.00000	.00727	223.65	61.51	162.14
460	742.0	22721326	.05144	.00400	0.00000	.00727	223.22	61.51	161.71
40°	794.5	24118570	.05920	.00400	.00402	.00727	222.62	61.51	101.11
272	547.0	16303704	.03720 .03904	.00400	.00938	.00727	220.69	61.51	159.18
435	199.5	5904453	.07589	0.00000	.00227	.00727	210.69	61.51	155.13
485	25i.0	7410261	.07567		.00898	.00727	215.16	61.51	153.25
364	900.0	26287915	.03660 .05818	0.00000	.00756	.00727	214.63	61.51	153.12
462	409.5	11708442	.04490	.00400	0.0000	.00727	212.35	61.51	150.54
264	942.5	26858120	.04470 .05278	.00394	.00576	.00727	207.85	5i .5i	145.35
417	972.5	27121605		.00397	.01392	.00727	207.17	61.51	145.00
240	481.7	13391946	.03650 .04230	.00200	.00780	.00727	202.75	61.51	141.24
376	54:.1	15009149	.04207	.00360	.00800	.00727	202.12	al.51	140.61
410	576.7	16547315		.00400	0.00000	.00727	201.60	ol.51	140.15
378	412.5	11411759	.05110 asaz=	.00383	.00424	.00727	201.01	61.51	140,13
251	0ē0.Z	18322952	.05275	.00387	.00400	.00727	201.12	15.10	189.01
258	م.20°	16609438	.04619	.00400	.00409	.00727	195.84	oi.51	134.33
200 360	577.ú	15865127	.03809	.00298	.00391	.00727	194.76	61.51	133.25
408	539.5		.04799	0.00000 a aaaaa	0.00000	.00727	192,55	ادً. اه	131.94
283	177.5	14102673 4628351	.05187	0.00000	.00305	.00727	120.04	61.51	128.53
498	391.2	10093058	.04818	.00348	0.00000	.00/27	189.57	61.51	128.05
327	710.8	18246068	.06152	.00150	.00898	.00727	187.57	61.51	126.06
322	413.5	10607277	.05691	.00400	.00895	.ŭù727	186.62	61.51	125.11
484	891.0	22403318	.06116 .05533	.00300	0.000 0	.00727	185.49	61.51	124.98
387	388.Ü		.05332	.00348	.00358	.00727	182.80	61.51	121.29
346	566.0 544.0	9717134	.04612	.00387	0.00000	.00727	182.07	61.51	120.50
307	334.0	13271393	.05266	.00398	.00756	.00727	177.36	61.51	115.85
356		8127226	.05022	.00400	.00245	.00727	176.90	15.1ه	115.39
205	359.5	9711868	.97473	.00397	0.00000	.00727	176.73	51.16ء	115.22
411	682.Û	16342019	.04405	.00200	.00448	.00727	174.20	61.51	112.0°
411 278	248.3 240.0	5930241	.06093	.00495	0.00000	.00727	173.63	61.51	112.12
	310.0	7377076	.07061	.00400	.00190	.00727	173.00	15. اه	111.47
268 222	537.5	12703674	.05630	.00400	.00291	.00727	171.82	51.16ء	115.31
222	430.0 Fa a	10130318	.04957	0.00000	0.00000	.00727	171.27	61.51	107.75
286 451	500 226.6	11701541	.03708	0.00000	.00414	.00727	169.80	ol.5i	108.29
451 431	220.0	5137652	.03112	0.00000	0.00000	.úū727	169.78	61.51	108.27
441	941.3	21871724	.05267	.00400	0.00000	.00727	168.98	15. 1ه	167.47



330         536.0         1231444         .06200         0.00000         0.00000         .00727         162.37         al. 153.6         al. 1224768         .03702         .00000         .00000         .00727         152.30         al. 152.33         al. 162.73         al. 162.73         al. 153.33         al.										
504         435.0         102247-8         6.3702         .0±400         0.00000         .00727         157.13         01.35           355         402.5         8809426         .05716         .00398         0.00652         .00027         157.12         41.1           235         478.5         10184310         .05822         0.00000         .00652         .00027         152.46         41.2           440         718.0         15154397         .00440         .004435         .00579         .00727         152.46         61.3           211         706.5         14405468         .05588         .00200         .01227         .00727         148.23         61.3           243         482.5         922717         .05924         .000000         .01494         .00727         143.87         61.5           460         427.0         12269552         .05749         .00337         .00517         .00727         141.71         61.5           412         378.5         7246025         .03492         .00403         .00000         .00727         122.78         61.5           450         584.7         14974517         .04141         .000000         .00304         .00727         132.78	330	วิวีซี.ปี	. 12531644	.06200	0.00000	0.00000	.00727	143.77	A) 51	101.7c
355         492.5         880942         .08716         .08398         0.0063         .00727         159.12         ol. 12         ol. 154.5         10194310         .08762         0.08060         .00652         .00727         134.73         ol. 13156397         .07814         .00835         .00578         .00727         134.73         ol. 13156397         .07814         .00835         .00579         .00727         135.46         ol. 13477           211         766.5         14405448         .05338         .00200         .00127         .00727         148.23         ol. 122           243         486.5         .942717         .05924         .00000         .01494         .00727         143.87         ol. 142           420         427.0         12260552         .02794         .00000         .00535         .00727         141.71         ol. 15           421         378.5         1726025         .0974         .00400         .00304         .00727         141.31         ol. 16           435         584.7         14948119         .0414         .00000         .00000         .00727         132.78         ol. 16           445         584.7         14948119         .0414         .00000         .00000		458.0	10224768	.03702						100.75
235         478.5         10184310         .03962         0.00000         .00452         .00727         154.73         al.1           377         778.0         1612674         .00433         .00308         .00727         153.46         al.3           377         778.0         1612674         .00433         .00000         .00519         .00727         150.56         al.3           211         766.5         1440548         .00308         .00200         .01227         .00727         145.23         al.3           423         48.5         922717         .05724         0.00000         .01494         .00727         141.31         al.3           420         629.0         12260552         .02984         .00400         .00535         .00727         141.73         al.3           421         378.5         7262025         .03994         .00400         .00000         .00727         141.73         al.5           430         848.7         14945119         .0414         .000000         .00304         .00727         132.78         al.5           455         329.5         6018134         .04384         .00400         .00500         .00727         131.45         al.5     <	355	402.5	8809426	.05716						97.61
440 718.0 15154397 .07054 .00435 .00578 .00727 155.46 61.5 777 78.0 16125474 .06543 0.00000 .00519 .00727 156.68 61.5 778.0 16125474 .06543 0.00000 .01227 .00727 156.68 61.5 243 486.5 952717 .05924 0.00000 .01494 .00727 145.67 61.5 440 627.0 12226552 .02794 0.00000 .01494 .00727 145.67 61.5 420 627.0 12226552 .02794 0.00000 .00535 .00727 141.71 61.5 378 514.5 10000887 .057A9 .00397 .00517 .00727 141.31 61.5 421 378.5 726025 .02794 0.00000 .00535 .00727 141.71 61.5 423 584.7 14945119 .00414 0.00000 .00000 .00727 137.43 61.5 445 587.5 726025 .02794 0.00000 .00000 .00727 137.43 61.5 456 327.5 6018134 .04386 .00400 0.00000 .00727 137.78 61.5 457 6018134 .04386 .00400 0.00000 .00727 137.43 61.5 458 320.1 6371266 .05868 0.00000 0.00534 .00727 131.40 61.5 458 320.2 637126 .05868 0.00000 0.00534 .00727 131.45 61.5 459 643.7 11642502 .050544 .00600 0.00000 .00727 131.45 61.5 461 781.0 13812733 .0358 .00348 .01883 .00727 122.13 61.5 461 781.0 13812733 .0358 .00348 .01883 .00727 122.12 61.5 423 275.5 5133198 .05595 0.00000 .01476 .00727 122.12 61.5 424 7777.5 13523666 .06349 .003978 .00000 .00727 124.13 61.5 425 275.5 5133198 .05595 0.00000 .01476 .00727 125.77 61.5 415 329.6 60514 .04527 0.00000 .02551 .00727 124.13 61.5 427 777.5 13523664 .06349 .00495 0.00258 .00277 124.13 61.5 427 777.5 13523664 .06349 .00495 0.00258 .00277 124.10 61.5 467 560.6 5331237 .06022 .00452 .00452 .00272 124.01 61.5 467 560.6 5331237 .06020 .00450 .00258 .00277 124.10 61.5 467 560.6 5331237 .06020 .00450 .00258 .00277 124.10 61.5 487 560.6 5331237 .06020 .00450 .00452 .00727 124.10 61.5 489 657.5 1495593 .06172 .00400 .00400 .00727 124.10 61.5 489 657.5 1495593 .06172 .00400 .00400 .00727 124.10 61.5 489 657.5 1495593 .06172 .00400 .00400 .00727 124.10 61.5 489 657.5 1495593 .06172 .00400 .00400 .00727 124.10 61.5 489 657.5 1495593 .06672 .00400 .00400 .00727 124.10 61.5 489 657.5 1495593 .06672 .00539 .00536 .00522 .00727 .00.11 61.5 489 657.5 14965590 .00536 .00530 .00540 .00727 .00727 .00.31 61.5 489 657.5 14965590 .00536 .00536 .00540 .0		478.5	10184310	.03962	0.00000					93.22
377         778.0         14126474         .06543         0.00000         .00127         152.68         61.3           211         706.5         14405468         .05368         .00200         .011227         .00727         143.23         61.8           243         486.5         9827717         .05524         0.00000         .01494         .00727         143.78         61.6           243         486.5         9827717         .05524         0.00400         .00535         .00727         141.71         61.5           242         345         514.5         10000887         .05769         .00377         .00517         .00727         133.43         61.5           436         504.7         14945119         .04141         0.00000         .00727         135.02         61.5           455         325.5         69118134         .0486         .00400         .00000         .00727         132.78         61.5           450         437.         1143302         .05544         .00400         .02514         .00727         131.41         61.5           461         781.0         13812733         .03355         .00400         .02514         .00727         127.21         61.5	440	718.0	15156397	.07054						91.95
211         706.5         14405468         .05368         .00200         .01227         .00727         148.23         81.2           243         486.5         .982717         .05924         .000000         .01494         .09727         141.71         61.8           378         514.5         10000887         .05789         .00397         .00517         .00727         141.31         61.8           421         376.5         7262025         .14926         .00440         .000000         .00727         141.31         61.5           430         684.7         14975119         .04141         .000000         .00000         .00727         132.48         61.5           450         527.5         .611813         .04386         .00400         .00000         .00727         131.49         61.5           450         .643.7         1142302         .05564         .00400         .005314         .00727         131.49         61.5           461         78.10         13812733         .03359         .00400         .00000         .00727         125.59         61.5           461         78.10         13812733         .03359         .00400         .00000         .00727         126.29 </td <td>377</td> <td>778.0</td> <td>16125474</td> <td>.06943</td> <td>0.00000</td> <td></td> <td></td> <td></td> <td></td> <td>59.17</td>	377	778.0	16125474	.06943	0.00000					59.17
243         486.5         962717         .05924         0.00000         .01494         .09727         143.87         61.5           420         629.0         12260552         .02984         0.00000         .000335         .00727         141.71         61.5           378         514.5         10000887         .005789         .00397         .00517         .00727         141.31         61.5           421         376.5         7262025         .14926         .00403         0.00000         .00727         139.43         61.5           450         527.5         6918134         .04898         .00400         .00000         .00727         131.45         61.5           463         500.0         6517166         .0568         9.00000         .00834         .00727         131.45         61.5           461         781.0         13812733         .03358         .00348         .01843         .00727         121.49         61.5           288         498.0         6713944         .03677         .00395         .00485         .00727         122.55         61.5           425         295.5         513198         .05595         .00000         .01476         .00727         126.13	211	706.5	14405468	.05368						80.72
420	243	486.5	9827717							82.36
378         514.5         10000887         .057A9         .00397         .00517         .00727         141.31         ol. 24           421         378.5         7262025         .34926         .00403         .00000         .00727         139.48         dl. 34           436         864.7         14945119         .04141         .000000         .00334         .00727         132.78         dl. 5           450         329.5         .6018134         .04386         .00400         .00000         .00727         131.61         dl. 5           463         320.0         .651716         .05568         .000000         .002514         .00727         131.49         dl. 5           461         781.0         1381273         .05559         .00400         .00000         .00727         125.59         dl. 5           461         781.0         1381273         .03579         .00400         .00000         .00727         126.25         5         151.40         dl. 5           461         781.0         1381273         .03579         .00485         .00727         122.13         dl. 5           425         2975.5         5133198         .05585         .000000         .01476         .0072	420	629.Ū								80.20
421 378.5 726.025	378	514.5	10000887							79.80
436 504.7 14945119 .04141 0.00000 .00304 .00727 155.02 61.5 456 329.5 6018134 .04386 .00400 .000000 .00727 132.78 61.6 463 360.0 6517166 .05688 .004000 .00684 .00727 131.61 61.5 430 643.7 11642302 .05064 .00400 .02514 .00727 131.45 61.5 287 726.5 13150677 .05559 .00400 .006000 .00727 151.40 61.5 287 728.1 13150677 .05559 .00400 .006000 .00727 126.58 61.5 288 498.0 8713964 .03677 .003975 .00485 .00727 127.21 61.5 288 498.0 8713964 .03677 .003975 .00485 .00727 127.21 61.5 288 498.0 8713964 .03677 .003975 .00485 .00727 127.21 61.5 247 779.5 1353045 .06499 .00398 .00000 .00727 126.13 61.5 342 431.5 8330451 .04798 .00402 .01201 .00727 126.13 61.5 341 529.0 9967162 .06520 .00400 .00298 .00727 124.01 61.5 341 529.0 9967162 .06520 .00400 .00298 .00727 124.01 61.5 341 529.0 9967162 .06520 .00400 .00298 .00727 124.01 61.5 3467 556.6 \$331337 .00482 .00452 .00400 .00727 124.01 61.5 323 577.5 9570273 .00489 .00400 .00452 .00000 .00727 124.01 61.5 323 577.5 9570273 .00489 .00400 .00400 .00727 124.01 61.5 323 577.5 9570273 .00489 .00400 .00400 .00727 124.01 61.5 324 655.5 14095903 .06172 .00400 .00000 .00727 124.01 61.5 325 577.5 9570273 .00489 .00400 .00400 .00727 124.01 61.5 326 667.7 10460544 .06287 .00348 .00000 .00727 124.01 61.5 327 667.7 10460544 .06287 .00348 .00000 .00727 114.07 61.5 328 655.5 14095903 .06172 .00400 .00400 .00727 114.07 61.5 329 667.7 10460544 .06287 .00348 .00000 .00727 116.07 61.5 320 587.5 1778108 .04800 .00400 .00402 .00727 116.07 61.5 321 687.5 1778108 .04800 .00400 .00402 .00727 116.07 61.5 328 687.5 1778108 .00400 .00400 .00402 .00727 116.07 61.5 329 687.5 1945452 .00508 .00309 .00553 .00727 109.23 61.5 349 426.5 6072170 .05336 .00398 .00653 .00727 109.23 61.5 340 585.5 975238 .04248 .00400 .00644 .00727 109.11 61.5 341 640.7 5875238 .04248 .00400 .00600 .00727 100.11 61.5 342 640.5 5875238 .04248 .00400 .00600 .00727 100.11 61.5 344 640.9 509540 .005640 .00398 .00552 .00727 96.92 61.5 340 685.2 9134452 .0589 .00390 .00500 .00727 97.51 61.5 341 640.9 509540 .00568 .00390 .00909 .00727 97.52 61	421	378.5	7262025							77.00
456 527.5 6918134 .04986 .00400 0.00000 .00727 132.78 01.5 463 500.0 6517140 .05568 0.00000 .006834 .00727 131.41 01.5 463 643.7 11442302 .05564 .00600  .02514 .00727 131.43 01.5 287 726.5 13130877 .05559 .00400 0.00000 .00727 131.44 01.5 288 481.0 8713944 .03477 .00395 .00485 .00727 127.21 131.44 425 295.5 5133198 .05585 0.00000 .01476 .00727 126.29 01.5 247 777.5 13523666 .06349 .00398 0.00000 .00727 126.13 01.5 342 481.5 8330351 .04778 .00402 .01201 .00727 126.13 01.5 342 481.5 8330351 .04778 .00402 .01201 .00727 126.13 01.5 343 327.9 6351642 .04522 0.00000 .02581 .00727 121.55 01.5 345 377.7 6631642 .04527 0.00000 .02581 .00727 121.05 01.5 346 7 560.6 \$7331237 .06082 .00492 .01201 .00727 121.05 01.5 343 853.5 14093903 .06172 .00400 .006000 .00727 120.49 01.5 344 745.9 12327327 .03559 0.00000 .01913 .00727 121.01 01.5 343 853.5 14093903 .06172 .00400 .00448 .00727 112.01 01.5 344 657.5 1.00489 .00490 .00404 .00727 112.01 01.5 359 667.7 10660544 .06287 .00348 0.00000 .00727 112.01 01.5 350 857.5 13778108 .04800 .00400 .00402 .00727 112.04 01.5 350 857.5 13778108 .04800 .00400 .00402 .00727 112.86 01.5 350 857.5 13778108 .04800 .00400 .00402 .00727 112.86 01.5 351 1378108 .04800 .00400 .00442 .00727 112.86 01.5 352 075.5 950033 .04489 .00400 .00402 .00727 112.86 01.5 353 12.0 4887727 .04224 .00400 .00442 .00727 10.12 0.01 354 426.5 .075238 .04498 .00400 .00442 .00727 10.12 0.15 355 405.5 .755238 .04493 .00398 .00000 .00727 114.07 01.5 354 918.2 12.06100 .06524 .00398 .00053 .00727 109.23 01.5 354 426.5 .075238 .04498 .00400 .00402 .00727 109.13 01.5 355 405.5 .755238 .04248 .00400 .00402 .00727 109.13 01.5 356 857.5 1378108 .04800 .00400 .00402 .00727 109.13 01.5 357 405.5 .755238 .04248 .00400 .00402 .00727 109.13 01.5 357 405.5 .755238 .04248 .00400 .00402 .00727 109.13 01.5 358 405.5 .755238 .04248 .00400 .00402 .00727 109.13 01.5 357 507.5 950940 .00402 .00400 .00000 .00727 109.13 01.5 358 409.9 54940 .00539 .00539 .00530 .00727 99.5 359 360.00000 .000000 .00727 99.5 361 361 361 361 361 361 361 361 361 361	436	804.7	14945119							73.51
463 360.0 6517166 .05568 0.00000 .00834 .80727 131.61 61.5 450 643.7 11642302 .05564 .09400 .02514 .00727 131.46 61.5 287 728.5 13130877 .05559 .00400 0.00000 .00727 131.46 61.5 288 478.0 13812733 .03558 .00348 .01843 .00727 122.58 61.5 288 478.0 8713944 .03677 .09395 .00485 .00722 122.21 61.5 284 478.0 8713944 .03677 .09395 .00400 0.00000 .00727 122.59 61.5 247 779.5 13523666 .06349 .00298 0.00000 .00727 122.57 61.5 342 481.5 8330351 .04798 .00402 .01201 .00727 125.78 61.5 341 329.0 7067162 .06520 .00400 .00298 .00727 124.61 61.5 359 379.7 6351642 .04522 0.00000 .02581 .00727 124.61 61.5 359 379.7 6351642 .04522 0.00000 .02581 .00727 121.01 61.5 323 577.5 9570273 .06489 .00402 .00595 .00727 121.01 61.5 323 577.5 9570273 .06489 .00400 0.00000 .00727 121.01 61.5 324 745.9 12327327 .03559 0.00000 .01913 .00727 121.01 61.5 349 685.5 14095903 .06472 .00364 .00721 120.17 349 685.5 14095903 .06472 .00364 .00721 120.17 349 687.5 1378168 .04600 .00400 .00448 .00727 111.979 61.5 350 357 378168 .04680 .00400 .00442 .00727 112.84 467 640.6 5736.59 .00364 .00400 .00427 .00727 112.84 475 657.5 1378168 .04600 .00400 .00442 .00727 112.84 487 638.6 1048211 .05610 .00364 .00751 .00727 112.89 61.5 352 687.5 1378168 .04600 .00400 .00472 .00727 112.89 61.5 353 687.5 1378168 .04600 .00400 .00442 .00727 109.12 .015 354 405.5 0.795238 .04248 .00400 .00442 .00727 109.12 .015 354 405.5 0.795238 .04248 .00400 .00644 .00727 109.12 .015 354 405.5 0.795238 .00424 .00400 .00000 .00727 .00727 .00.11 .61.51 354 582.5 134452 .05889 .00350 .00582 .00727 .00.31 .01.51 355 685.2 134465 .05889 .00350 .00582 .00727 .00.31 .01.51 356 685.2 134465 .05889 .00350 .00582 .00727 .00.727 .00.31 .01.51 357 645.5 0.795238 .04248 .00400 .00000 .00727 .00727 .00.31 .01.51 358 685.2 134465 .05889 .00350 .00582 .00727 .00727 .00.31 .01.51 359 685.2 134465 .05889 .00350 .00582 .00727 .00727 .00.31 .01.51 359 640.9 545897 .04340 .00400 .00000 .00727 .00727 .00.31 .01.51 350 685.2 134465 .05889 .00350 .00582 .00727 .00727 .00.31 .01.51 350 685.2 134465 .05889 .003	456	329.5	6018134							71.27
430	463	ვის. 0	6517!66							70.10
287 726.5 13130877 .05559 .00400 0.00000 .00727 151.40 61.5 461 781.0 13812733 .03388 .00348 .01843 .00727 125.58 61.5 288 481.0 8713964 .03677 .00595 .00485 .00727 127.21 61.5 425 295.5 5133198 .05585 0.00000 .01476 .00727 126.22 61.5 247 779.5 13523666 .06349 .00398 0.00000 .00727 126.13 61.5 342 481.5 8330351 .04798 .00402 .01201 .00727 125.78 61.5 341 329.0 9467162 .06520 .00400 .00228 .00727 124.01 61.5 343 379.9 6351642 .06520 .00400 .002281 .00727 121.55 61.5 345 550.6 \$2331237 .06489 .00400 .00281 .00727 121.55 61.5 345 577.5 \$9570873 .06489 .00400 .00000 .00727 120.49 61.5 348 855.5 14075793 .06489 .00400 .00000 .00727 120.49 61.5 349 667.7 10460544 .06287 .00400 .00448 .00727 111.79 61.5 359 667.7 10460544 .06287 .00348 .00000 .00727 116.94 61.5 350 312.0 4087727 .00420 .00400 .00448 .00727 117.79 61.5 350 587.5 \$9570873 .06489 .00400 .00448 .00727 117.79 61.5 350 687.5 13778108 .04800 .00400 .00448 .00727 118.94 61.5 350 312.0 4087727 .004204 .00400 .00727 116.94 61.5 350 312.0 4087727 .004204 .00400 .00727 116.94 61.5 350 312.0 4087727 .004204 .00400 .00472 .00727 118.94 61.5 351 364 887.5 13778108 .04800 .00400 .00402 .00727 116.94 61.5 352 405.5 0.75238 .00428 .00400 .00422 .00727 116.95 61.5 353 405.5 0.75238 .00428 .00400 .00422 .00727 109.13 61.51 364 918.2 12607100 .05336 .00394 .00000 .00727 .00512	430	643.7								69.78
461 781.0 13812733 .03358 .00348 .01843 .00727 12E.58 01.5 288 478.0 6713964 .03677 .40395 .00495 .00727 12C.21 61.5 288 478.0 6713964 .03677 .40395 .00495 .00727 12C.27 61.5 295.5 5133198 .05585 0.00000 .01476 .00727 12C.23 61.5 247 779.5 13523666 .06349 .00399 0.00000 .00727 12C.13 61.5 342 481.5 8330351 .04798 .00402 .01201 .00727 12C.13 61.5 341 527.0 9067162 .06520 .00400 .00258 .00727 124.61 61.5 339 379.9 6331642 .04527 0.00000 .02581 .00727 121.55 61.5 3467 560.6 5331237 .06082 .00452 .60034 .00727 121.01 61.5 323 577.5 9570873 .06489 .00400 0.00000 .00727 120.49 61.5 344 745.9 12327327 .03589 0.00000 .01913 .00727 120.49 61.5 345 855.5 14075903 .06172 .00400 .00448 .00727 119.79 61.5 346 658.6 10458211 .05610 .00364 .00727 119.79 61.5 350 657.7 10660544 .06287 .00348 0.00000 .00727 112.894 61.5 350 657.7 10660544 .06287 .00348 0.00000 .00727 112.894 61.5 350 657.5 13778108 .04800 .00400 .00472 .00727 112.894 61.5 351 657.5 13778108 .04800 .00400 .00472 .00727 112.894 61.5 352 657.5 13778108 .04800 .00400 .00472 .00727 112.894 61.5 353 657.5 13778108 .04800 .00400 .00472 .00727 112.894 61.5 354 655.5 4795238 .04800 .00400 .00444 .00727 100.12 61.5 355 312.0 4687727 .04324 .00400 .00402 .00727 112.894 61.5 352 657.5 13778108 .04800 .00400 .00442 .00727 109.13 61.5 353 405.5 6795238 .05473 .003394 .000000 .00727 106.16 61.5 354 138.2 12669100 .06524 .00394 .000000 .00727 106.16 61.5 354 138.2 12669100 .06524 .00391 .00969 .00727 .004.19 61.5 356 685.2 9134545 .05611 0.00000 .00946 .00727 .99.51 61.51 357 685.2 9134545 .05611 0.00000 .00000 .00727 .99.51 61.51 358 685.0 913455 .00589 .00390 .00582 .00727 .99.51 61.51 357 685.0 913546 .00589 .00390 .00582 .00727 .99.51 61.51 358 680.0 913445 .05611 .00000 .00000 .00727 .99.51 61.51 359 685.0 913545 .00586 .00400 .00800 .00727 .99.51 61.51 350 685.0 913455 .00586 .000000 .00727 .99.51 61.51 357 685.0 913546 .000000 .00000 .00727 .99.51 61.51 358 640.9 5005440 .05688 .00000 .00000 .00727 .99.51 61.51 359 640.9 5260115 .0364 .00000 .00000 .00727 .99.51 61.51 3	287	726.5								05.76 65.85
288         498.0         8713964         .03677         .00395         .00485         .00727         127.21         31.5           425         295.5         5133198         .05585         0.00000         .01476         .00727         126.23         61.5           247         777.5         313523666         .06349         .00398         0.00000         .00727         125.78         61.5           341         527.0         9067162         .06520         .00400         .00258         .00727         124.61         61.5           359         377.9         633142         .04527         0.00000         .02581         .00727         121.55         61.5           367         560.6         531237         .06822         .00452         .0034         .00727         121.55         61.5           467         560.6         531237         .06487         .00400         .00524         .00727         121.55         61.5           322         577.5         957037         .06487         .00400         .00727         121.01         61.5           343         855.5         14075703         .06172         .00400         .00727         1112.94         61.5 <td< td=""><td>461</td><td>781.0</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>67.07</td></td<>	461	781.0								67.07
425	288	498.0								
247         779.5         13523666         .06349         .00398         0.00000         .00727         128.13         41.5           342         481.5         8330351         .04798         .00402         .01201         .00727         125.78         61.5           341         329.0         9067162         .06520         .00400         .00278         .00727         121.55         61.5           359         379.9         6351642         .04527         .00000         .02581         .00727         121.61         61.5           467         560.6         531237         .06082         .00452         .000452         .00034         .00727         121.61         61.5           323         577.5         9570873         .06489         .00400         .00000         .00727         120.49         61.5           449         745.9         12327327         .05589         0.00000         .01913         .00727         119.79         61.5           449         745.9         12327327         .05589         0.00000         .01913         .00727         119.79         61.5           449         438.6         10438211         .05410         .00344         .00727         119.79	425	295.5								65.70
342         481.5         8330351         .04798         .00402         .01201         .00727         125.78         61.5           341         327.0         967162         .06520         .00400         .00298         .00727         124.61         61.5           339         377.7         6351642         .04527         0.00000         .02581         .00727         121.05         c1.5           467         560.6         £331237         .06482         .00452         .00000         .00727         121.01         61.5           323         577.5         \$570273         .04489         .00400         .00000         .00727         121.01         61.5           404         745.7         12327527         .03589         0.00000         .01913         .00727         121.15         61.5           343         855.5         14075793         .06172         .00400         .00448         .00727         118.74         61.5           287         657.7         10640544         .06287         .00348         .00000         .00727         112.86         61.5           336         587.5         13778108         .04800         .00400         .00442         .00727         107.23	247	779.5								64.75
341         529.0         9067162         .06520         .00400         .00278         .00727         124.61         61.53           339         377.9         6351642         .04527         0.00000         .02581         .00727         121.55         61.5           467         560.6         \$331237         .06482         .00452         .00334         .00727         121.01         61.5           404         745.9         12327327         .05589         0.00000         .001913         .00727         120.15         61.5           343         855.5         14075903         .06172         .00400         .00448         .00727         118.94         61.5           444         638.0         10458211         .05610         .00364         .00751         .00727         118.94         61.5           449         638.0         10458211         .05610         .00348         .00000         .00727         118.94         61.5           343         855.5         13778108         .04800         .00400         .00472         .00727         112.86         61.5           349         667.7         10660544         .00400         .00402         .00727         109.23         61.51 <td>342</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>64.62</td>	342									64.62
339 379.9 6351642 .04527 0.00000 .02581 .00727 121.55 c1.5 467 560.6 \$331237 .06082 .00452 .60034 .00727 121.01 c1.5 323 577.5 9570373 .06489 .00400 0.00000 .06727 120.49 c1.5 404 745.9 12327327 .03589 0.00000 .011913 .00727 120.15 c1.5 348 855.5 14075903 .06172 .000400 .00448 .00727 119.79 61.5 449 638.0 10458211 .03610 .00364 .00727 118.94 61.5 289 667.7 10660544 .06287 .00348 0.00000 .00727 116.07 c1.5 350 857.5 13778108 .04800 .00400 .00472 .00727 112.86 61.5 350 857.5 13778108 .04800 .00400 .00472 .00727 112.86 61.5 350 857.5 13778108 .04800 .00400 .00472 .00727 112.86 61.5 353 455.5 675238 .04248 .00400 .00844 .00727 109.23 61.51 353 455.5 6755238 .04248 .00400 .00844 .00727 109.13 61.53 348 918.2 12069100 .06524 .00371 .00969 .00727 104.98 61.51 348 918.2 12069100 .06524 .00371 .00969 .00727 100.11 61.51 447 640.5 8766787 .04535 .003000 .00947 .00727 97.51 61.51 349 685.2 9134452 .05009 .00300 .00947 .00727 97.51 61.51 349 359.0 5411534 .05611 0.00000 .00947 .00727 98.00 61.51 349 359.0 541534 .05611 0.00000 .001193 .00727 98.00 61.51 340 715.5 9143816 .06858 .00400 .008070 .00727 96.33 61.51 340 715.5 9143816 .06858 .00400 .00870 .00727 96.33 61.51 340 715.5 9143816 .06858 .00400 .00870 .00727 96.33 61.51 340 715.5 9143816 .06858 .00400 .00870 .00727 96.33 61.51 340 715.5 9143816 .06858 .00400 .00870 .00727 96.33 61.51 340 715.5 9143816 .06858 .00400 .00870 .00727 96.33 61.51 340 715.5 9143816 .06858 .00400 .00870 .00727 96.33 61.51 340 715.5 9143816 .06858 .00400 .00870 .00727 97.52 61.51 341 412.0 5458977 .04340 .00400 .00870 .00727 97.52 61.51 342 404.9 5509540 .05168 .00400 .00870 .00727 97.52 61.51 343 562.5 4652137 .03960 .00398 .00909 .00727 88.61 61.51 344 640.9 5209540 .05168 .00400 .00870 .00727 77.64 61.51 347 766.1 8203445 .04761 .00400 .00870 .00727 77.64 61.51 348 749 754.5 4835130 .04379 .00400 .009000 .00727 77.64 61.51	341									64,27
467 560.6 \$331237 .06082 .00452 .0034 .00727 121.01 61.5 323 577.5 \$750878 .06489 .00400 0.00000 .00727 120.49 61.5 404 745.9 12327527 .03569 0.00000 .01913 .00727 120.15 61.5 348 855.5 14095903 .06172 .00400 .00448 .00727 119.79 61.5 449 638.0 10458211 .05610 .00364 .00751 .00727 118.94 61.5 289 667.7 10660544 .06287 .00348 0.00000 .00727 116.07 61.5 350 887.5 13778108 .04800 .00400 .00472 .00727 112.86 61.5 505 312.0 4687727 .04224 .00400 .00442 .00727 109.23 61.5 372 001.0 \$7936539 .05473 .00378 .00553 .00727 106.16 61.5 355 465.5 6795238 .04248 .00400 .00440 .00727 106.16 61.5 355 465.5 6795238 .04248 .00400 .00344 .00727 106.15 61.5 348 918.2 12669100 .06524 .00371 .00969 .00727 100.13 61.5 349 420.5 6072170 .05336 .00394 0.00000 .00727 104.98 61.5 349 918.2 12669100 .06524 .00371 .00969 .00727 100.13 61.5 359 685.2 9134452 .05609 .00400 .00947 .00727 99.51 61.5 359 685.2 9134452 .05609 .00350 .00582 .00727 98.60 61.5 364 51.5 9143616 .06858 .00400 .00625 .00727 96.33 61.51 340 715.5 9143616 .06858 .00400 .00625 .00727 96.33 61.51 340 715.5 9143616 .06858 .00400 .00625 .00727 96.33 61.51 340 715.5 9143616 .06858 .00400 .00827 .00727 98.03 61.51 350 887.0 10519006 .04281 .00400 .00870 .00727 98.03 61.51 351 352.5 462137 .03960 .00398 .00909 .00727 88.04 61.51 352 353 460.9 5049845 .007218 .00398 .00909 .00727 88.04 61.51 353 382.5 462137 .03960 .00398 .00909 .00727 88.03 61.51 354 460.9 5049845 .007218 .00398 .00909 .00727 87.03 61.51 357 674.0 808852 .07218 .00393 .01649 .00727 77.64 61.51 357 674.0 808852 .07218 .00393 .01649 .00727 77.64 61.51 357 674.0 808852 .07218 .00393 .01649 .00727 77.64 61.51 357 674.0 808852 .07218 .00393 .01649 .00727 77.64 61.51 357 674.0 808852 .07218 .00393 .01649 .00727 77.64 61.51 357 674.0 808852 .07218 .00393 .01649 .00727 77.64 61.51 357 674.0 808852 .07218 .00393 .01649 .00727 77.64 61.51 357 674.0 808852 .07218 .00393 .01649 .00727 77.64 61.51										63.19
323         577.5         9570873         .06489         .00400         0.00000         .00727         120.49         61.5           404         745.9         12327527         .03569         0.00000         .01913         .00727         120.15         61.5           343         855.5         14055903         .06172         .00400         .00448         .00727         118.94         61.5           449         638.0         10458211         .05510         .00344         .00751         .00727         118.94         61.5           289         667.7         10660544         .06267         .00348         .000000         .00727         112.86         61.5           356         687.5         13778108         .04800         .00400         .00472         .00727         107.28         61.5           505         312.0         4687727         .04224         .00400         .00422         .00727         108.16         61.5           372         601.0         5936539         .05473         .00398         .00633         .00727         108.16         61.5           353         465.5         .675238         .04248         .00400         .00844         .00727         106.19 <td>487</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>60.04 ===================================</td>	487									60.04 ===================================
404         745.9         12327327         .03389         0.00000         .01913         .00727         120.15         61.5           343         855.5         14095903         .06172         .00400         .00448         .00727         119.79         61.5           447         638.6         10458211         .05610         .00364         .00751         .00727         118.94         61.5           289         667.7         10660544         .06287         .00348         0.00000         .00727         112.86         61.5           336         887.5         13778108         .04800         .00400         .00472         .00727         112.86         61.5           505         312.0         4687727         .04224         .00400         .00642         .00727         109.23         61.5           572         001.0         6936539         .05473         .00398         .00053         .00727         106.15         61.5           355         465.5         6795238         .04248         .00400         .00844         .00727         106.15         61.5           348         918.2         12699100         .06524         .00371         .00969         .00727         100.31 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td><b>59.</b>56</td>										<b>59.</b> 56
343         855.5         14075703         .06172         .00400         .00448         .00727         119.77         61.5           447         638.0         10458211         .05610         .00364         .00751         .00727         118.74         61.5           289         667.7         10660544         .06287         .00348         0.00000         .00727         116.07         61.5           330         887.5         13778108         .04800         .00400         .00472         .00727         107.23         61.5           505         312.0         4687727         .04224         .00400         .00422         .00727         108.16         61.5           372         601.0         8936539         .05473         .00378         .00453         .00727         108.16         61.5           355         465.5         6795238         .04248         .00490         .00844         .00727         106.11         61.5           348         918.2         12669100         .06524         .00371         .00969         .00727         100.11         61.5           447         646.5         8766787         .04539         .00400         .00000         .00727         99.51										58.98
449 638.6 10458211 .05610 .00364 .00751 .00727 118.94 61.5 289 667.7 10660544 .06287 .00348 0.00000 .00727 116.07 c1.5 336 857.5 13778108 .04800 .00400 .00472 .00727 112.86 61.5 505 312.0 4687727 .04224 .00400 .00642 .00727 109.23 61.5 572 601.0 5936539 .05473 .00398 .00653 .00727 108.16 61.5 335 465.5 6755288 .04248 .00400 .00844 .00727 106.12 61.5 249 420.5 6072170 .05336 .00394 0.00000 .00727 104.98 61.5 348 918.2 12669100 .06524 .00371 .00969 .00727 100.31 61.5 349 420.0 4709609 .04032 .00400 0.00000 .00727 100.11 61.5 340 542.0 4709609 .04032 .00400 0.00000 .00727 100.11 61.5 396 685.2 9134452 .05687 .004539 0.00000 .00947 .00727 99.51 61.5 396 685.2 9134452 .05089 .00550 .00582 .00727 98.60 61.5 344 412.0 5458977 .04340 .00400 .00582 .00727 98.60 61.5 346 587.5 7245186 .05346 0.00000 .00625 .00727 92.91 61.5 347 348 599.0 10519006 .04281 .00400 .00625 .00727 92.91 61.5 349 382.5 4632137 .03960 .00398 .00909 .00727 88.48 61.5 340 715.5 9143616 .06858 .00400 .00625 .00727 92.91 61.5 340 715.5 9243616 .06858 .00400 .00625 .00727 92.91 61.5 341 342 382.5 4632137 .03960 .00398 .00909 .00727 88.48 61.5 348 60.9 5609540 .05168 .00400 .00870 .00727 88.48 61.5 349 382.5 4632137 .03960 .00398 .00909 .00727 88.48 61.5 340 75.5 7245186 .05346 0.00000 .00000 .00727 88.48 61.5 340 75.5 7245186 .05346 0.00000 .00870 .00727 88.48 61.5 340 75.5 7245186 .05346 0.00000 .00870 .00727 88.48 61.5 340 75.5 7245186 .05346 0.00000 .00870 .00727 88.48 61.5 340 75.5 7245186 .05346 0.00000 .00870 .00727 88.48 61.5 340 75.5 7245186 .05346 0.00000 .00870 .00727 88.48 61.5 340 75.5 7245186 .05346 0.00000 .00870 .00727 88.48 61.5 341 51.5 335 340.9 509540 .05168 .00400 .00870 .00727 88.48 61.5 340 75.5 7245186 .05346 .000000 .00870 .00727 88.48 61.5 341 523445 .04761 .00400 .00279 .00727 88.48 61.5 341 523445 .04761 .00400 .00279 .00727 77.64 61.5 349 764.0 808652 .07218 .00398 .00502 .00727 77.64 61.5 349 764.5 8855130 .004379 .00400 .000000 .00727 49.90 61.5										55.64
289         667.7         10660544         .06287         .00348         0.00000         .00727         116.07         61.5           336         587.5         13778108         .04800         .00400         .00472         .00727         112.86         61.5           505         312.0         4687727         .04224         .00400         .00642         .00727         109.23         61.5           572         .001.0         5936539         .05473         .00398         .00633         .00727         108.16         61.5           353         465.5         .675238         .04248         .00400         .00844         .00727         106.12         61.51           249         420.5         .0072170         .05336         .00394         .000000         .00727         104.98         61.51           348         918.2         12669100         .06524         .00371         .00869         .00727         100.11         61.51           454         342.0         4709609         .04032         .00400         .00947         .00727         99.51         61.51           447         640.5         3766787         .04339         .000000         .00947         .00727         99.51 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>58.2s</td>										58.2s
336         897.5         13778108         .04800         .00400         .00472         .00727         112.86         61.57           505         312.0         4687727         .04224         .00400         .00642         .00727         109.23         61.57           372         601.0         5936539         .05473         .00398         .00433         .00727         108.16         61.57           355         465.5         6795238         .04248         .00490         .00844         .00727         104.98         61.57           348         918.2         12669100         .06524         .00371         .00969         .00727         100.31         61.51           447         640.5         3766787         .04539         0.00000         .00947         .00727         100.11         61.51           447         640.5         3766787         .04539         0.00000         .00947         .00727         99.51         61.51           439         359.0         5411534         .05611         0.00000         .01193         .00727         99.51         61.51           439         359.0         541654         .05089         .00550         .00582         .00727         98.60 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>57.43</td>										57.43
505         312.0         4687727         .04224         .00400         .00642         .00727         109.23         61.51           372         601.0         5936539         .05473         .00398         .00633         .00727         108.16         61.51           355         465.5         6795238         .04248         .00400         .00844         .00727         106.12         61.51           249         420.5         6072170         .05336         .00394         0.00000         .00727         104.98         61.51           348         918.2         12669100         .06524         .00371         .00969         .00727         100.31         61.51           454         542.0         4709609         .04032         .00400         0.00000         .00727         100.11         61.51           447         640.5         3766787         .04539         0.00000         .00947         .00727         99.51         61.51           439         399.0         5411534         .05611         0.00000         .01193         .00727         98.60         61.51           396         685.2         9134452         .05089         .00350         .00582         .00727         96.33 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>54.50</td>										54.50
372         601.0         5936539         .05473         .00398         .00653         .00727         108.10         61.51           355         465.5         6795238         .04248         .00400         .00844         .00727         106.13         61.51           249         420.5         6072170         .05336         .00394         0.00000         .00727         104.98         61.51           348         918.2         12669100         .04524         .00371         .00969         .00727         100.31         61.51           454         342.0         4709609         .04032         .00400         0.00000         .00727         100.11         61.51           447         640.5         8766787         .94539         0.00000         .00947         .00727         99.51         61.51           439         399.0         5411534         .05611         0.00000         .01193         .00727         98.60         61.51           396         685.2         9134452         .05089         .00350         .00582         .00727         96.92         61.51           340         715.5         9143616         .06858         .00400         .00625         .00727         37.66 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>51.35</td>										51.35
355 465.5 6795238 .04248 .00400 .00844 .00727 106.13 61.51 249 420.5 6072170 .05336 .00394 0.00000 .00727 104.98 61.51 348 918.2 12669100 .04524 .00371 .00969 .00727 100.31 61.51 454 342.0 4709609 .04032 .00400 0.00000 .00727 100.11 61.51 447 640.5 8766787 .04539 0.00000 .00947 .00727 99.51 61.51 439 399.0 5411534 .05611 0.00000 .01193 .00727 98.60 61.51 396 685.2 9134452 .05089 .00350 .00582 .00727 96.92 61.51 344 412.0 5458977 .04340 .00400 0.00000 .00727 96.33 61.51 340 715.5 9143616 .06858 .00400 .00625 .00727 96.33 61.51 246 587.5 7245186 .05346 0.00000 .00946 .00727 87.66 61.51 508 859.0 10519006 .04281 .00400 .00870 .00727 88.03 61.51 429 382.5 4632137 .03960 .00398 .00909 .00727 88.48 61.51 335 460.9 5609540 .05168 .00400 .00279 .00727 88.48 61.51 357 674.0 8068652 .07218 .00393 .01649 .00727 87.66 61.51 337 766.1 8203445 .04761 .00400 .01223 .00727 77.64 61.51 203 964.0 9785527 .08141 .00391 .00495 .00727 73.80 61.51 499 704.5 4835130 .04379 .00400 .00000 .00727 49.90 61.51										47.72
249         420.5         6072170         .05336         .00394         0.00000         .00727         104.98         61.51           348         918.2         12669100         .06524         .00371         .00969         .00727         100.31         o1.51           454         342.0         4709609         .04032         .00400         0.00000         .00727         100.11         61.51           447         640.5         8766787         .04539         0.00000         .00947         .00727         99.51         61.51           439         399.0         5411534         .05611         0.00000         .01193         .00727         98.60         61.51           396         685.2         9134452         .05089         .00350         .00582         .00727         96.92         61.51           344         412.0         5458977         .04340         .00400         .00000         .00727         96.33         61.51           340         715.5         9143616         .06858         .00400         .00625         .00727         92.91         61.51           508         857.0         1051906         .04281         .00400         .00870         .00727         89.03										46.59
348         \$18.2         \$1269100         .06524         .00371         .00969         .00727         100.31         ol.51           454         \$42.0         \$4709695         .04032         .00400         0.00000         .00727         100.11         61.51           447         640.5         \$766787         .04539         0.00000         .00947         .00727         \$97.51         61.51           439         \$597.0         \$5411534         .05611         0.00000         .01193         .00727         \$98.60         61.51           396         685.2         \$9134452         .05089         .00350         .00582         .00727         \$96.92         61.51           344         412.0         \$5458977         .04340         .00400         0.00000         .00727         \$96.33         61.51           340         715.5         \$9143616         .06858         .00400         .00625         .00727         \$92.91         61.51           508         \$57.0         \$1051906         .04281         .00400         .00870         .00727         \$97.03         61.51           429         382.5         4632137         .03960         .00398         .00909         .00727 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>44.52 37 :7</td></t<>										44.52 37 :7
454	348									43,47
447         640.5         8766787         .04539         0.00000         .00947         .00727         99.51         61.51           439         399.0         5411534         .05611         0.00000         .01193         .00727         98.60         61.51           396         685.2         9134452         .05089         .00350         .00582         .00727         96.92         61.51           344         412.0         5458977         .04340         .00400         .00000         .00727         96.35         61.51           340         715.5         9143616         .06858         .00400         .00625         .00727         92.91         61.51           508         587.5         7245186         .05346         0.00000         .00946         .00727         87.66         61.51           508         859.0         10519006         .04281         .00400         .00870         .00727         89.03         61.51           429         382.5         4632137         .03960         .00398         .00909         .00727         88.48         61.51           357         674.0         8068652         .07218         .00393         .01649         .00727         87.52	454									32.60 30.00
439         399.0         5411534         .05611         0.00000         .01193         .00727         98.60         61.51           396         685.2         9134452         .05089         .00350         .00582         .00727         96.92         61.51           344         412.0         5458977         .04340         .00400         .00625         .00727         92.91         61.51           340         715.5         9143616         .06858         .00400         .00625         .00727         92.91         61.51           246         587.5         7245186         .05346         0.00000         .00946         .00727         37.66         61.51           508         859.0         10519006         .04281         .00400         .00870         .00727         89.03         61.51           429         382.5         4632137         .03960         .00398         .00909         .00727         88.48         61.51           335         460.9         5609540         .05168         .00400         .00279         .00727         87.03         61.51           406         450.9         5260115         .03661         0.00393         .01649         .00727         79.52	447									38. <sub>6</sub> 0
396         685.2         9134452         .05089         .00350         .00582         .00727         96.92         61.51           344         412.0         5458977         .04340         .00400         0.00000         .06727         96.33         61.51           340         715.5         9143616         .06858         .00400         .00625         .00727         92.91         61.51           246         587.5         7245186         .05346         0.00000         .00946         .00727         87.66         61.51           508         859.0         10519006         .04281         .00400         .00870         .00727         89.03         61.51           429         382.5         4632137         .03960         .00398         .00909         .00727         88.61         61.51           338         460.9         5609540         .05168         .00400         .00279         .00727         88.48         61.51           357         674.0         8068652         .07218         .00393         .01649         .00727         87.52         61.51           406         480.9         5260115         .03661         0.00000         0.00000         .00727         77.64										58.00 57.45
344         412.0         5458977         .04340         .00400         0.00000         .00727         96.35         61.51           340         715.5         9143616         .06858         .00400         .00625         .90727         92.91         61.51           246         587.5         7245186         .05346         0.00000         .60946         .00727         87.66         61.51           508         859.0         1051906         .04281         .00400         .00870         .00727         89.03         61.51           429         382.5         4632137         .03960         .00398         .00909         .60727         88.41         61.51           336         460.9         5609540         .05168         .00400         .00279         .00727         88.48         61.51           357         674.0         8068652         .07218         .00393         .01649         .00727         87.52         61.51           406         480.9         5260115         .03661         0.00000         0.00000         .00727         77.64         61.51           337         765.1         8203445         .04761         .00400         .01233         .00727         73.80										37.09 35.03
340         715.5         9143616         .06858         .00400         .00625         .90727         72.91         61.51           246         587.5         7245186         .05346         0.00000         .60946         .00727         87.66         61.51           508         859.0         10519006         .04281         .00400         .00870         .00727         89.03         61.51           429         382.5         4632137         .03960         .00398         .00909         .00727         88.61         61.51           336         460.9         5609540         .05168         .00400         .00279         .00727         88.48         61.51           357         674.0         8068652         .07218         .00393         .01649         .00727         87.03         61.51           406         480.9         5260115         .03661         0.00393         .01649         .00727         79.52         61.51           337         765.1         8203445         .04761         .00400         .01223         .00727         77.64         61.51           203         964.0         9785527         .08141         .00391         .00495         .00727         73.80	344									35.41
246         587.5         7245186         .05346         0.00000         .60946         .00727         87.66         61.51           508         859.0         10519006         .04281         .00400         .00870         .00727         89.03         61.51           429         382.5         4632137         .03960         .00398         .00909         .00727         88.61         61.51           385         460.9         5609540         .05168         .00400         .00279         .00727         88.48         61.51           357         674.0         8068652         .07218         .00393         .01649         .00727         67.03         61.51           406         480.9         5260115         .03661         0.00000         0.00000         .00727         79.52         61.51           337         766.1         8203445         .04761         .00400         .01223         .00727         77.64         61.51           203         964.0         9785527         .08141         .00391         .00495         .00727         73.80         61.51           491         783.2         7467929         .05242         .00388         .00532         .00727         69.32										34.82 31.45
508         859.0         10519006         .04281         .00400         .00870         .00727         89.03         61.51           429         382.5         4632137         .03960         .00398         .00909         .00727         58.61         61.51           385         460.9         5609540         .05168         .00400         .00279         .00727         88.48         61.51           357         674.0         8068652         .07218         .00393         .01649         .00727         87.03         61.51           406         460.9         5260115         .03661         0.00000         0.00000         .00727         79.52         61.51           337         766.1         8203445         .04761         .00400         .01223         .00727         77.64         61.51           203         964.0         9785527         .08141         .00391         .00495         .00727         73.80         61.51           491         783.2         7467929         .05242         .00388         .00532         .00727         69.32         61.51           499         704.5         4835130         .04379         .00400         0.00000         .00727         49.90										31,43 28.15
429       382.5       4632137       .03960       .00398       .00909       .00727       88.61       61.51         338       460.9       5609540       .05168       .00400       .00279       .00727       88.48       61.51         357       674.0       8068652       .07218       .00393       .01649       .00727       87.03       61.51         406       460.9       5260115       .03661       0.00000       0.00000       .00727       79.52       61.51         337       766.1       8203445       .04761       .00400       .01223       .00727       77.64       61.51         203       964.0       9785527       .08141       .00391       .00495       .00727       73.80       61.51         491       753.2       7467929       .05242       .00388       .00582       .00727       69.32       61.51         499       704.5       4835130       .04379       .00400       0.00000       .00727       49.90       61.51	508	859.0								27.52
338 460.9 5609540 .05168 .00400 .00279 .00727 88.48 61.51 357 674.0 8068652 .07218 .00393 .01649 .00727 87.03 61.51 406 480.9 5260115 .03661 0.00000 0.00000 .00727 79.52 61.51 337 766.1 8203445 .04761 .00400 .01323 .00727 77.64 61.51 203 964.0 9785527 .08141 .00391 .00495 .00727 73.80 61.51 491 783.2 7467929 .05242 .00388 .00532 .00727 69.32 61.51 499 704.5 4835130 .04379 .00400 0.00000 .00727 49.90 61.51	429									
357       o74.0       8068652       .07218       .00393       .01649       .00727       67.03       o1.51         406       480.9       5260115       .03661       0.00000       0.00000       .00727       79.52       61.51         337       766.1       8203445       .04761       .00400       .01223       .00727       77.64       o1.51         203       964.0       9785527       .08141       .00391       .00495       .00727       73.80       61.51         491       783.2       7467929       .05242       .00388       .00582       .00727       69.52       61.51         499       704.5       4835130       .04379       .00400       0.00000       .00727       49.90       61.51										27.10
406       480.9       5260115       .03661       0.00000       0.00000       .00727       79.52       61.51         337       766.1       8203445       .04761       .00400       .01223       .00727       77.64       61.51         203       964.0       9785527       .08141       .00391       .00495       .00727       73.80       61.51         491       783.2       7467929       .05242       .00388       .00532       .00727       69.32       61.51         499       704.5       4835130       .04379       .00400       0.00000       .00727       49.90       61.51										26.97
337       765.1       8203445       .04761       .00400       .01223       .00727       77.64       61.51         203       964.0       9785527       .08141       .00391       .00495       .00727       73.80       61.51         491       783.2       7467929       .05242       .00388       .00532       .00727       69.32       61.51         499       704.5       4835130       .04379       .00400       0.00000       .00727       49.90       61.51										25.52
203 964.0 9785527 .08141 .00391 .00495 .00727 73.80 61.51 491 753.2 7467929 .05242 .00388 .00582 .00727 69.32 61.51 499 704.5 4835130 .04379 .00400 0.00000 .00727 49.90 61.51										18.01
491 753.2 7467927 .05242 .00388 .00582 .00727 69.32 61.51 499 704.5 4835130 .04379 .00400 0.00000 .00727 49.90 61.51										10.18 12.15
499 704.5 4835130 .04379 .00400 0.00000 .00727 49.90 61.51										12.27
										7.81
98147.1 4460658996 .05153 .00276 .00341 .00727 363.38 61.51		<del></del>		13 1017	100100	A 1 00000	•997 Z7	47.70	01.31	-11.61
100111 100111 100111 100111		98147.1	4460658996	.05153	.00276	.00341	.00727	343 30	A1 51	361.87
					100210	100311	• • • • • • • • • • • • • • • • • • • •	903.30	91.31	201.27



### APPENDIX 1 C

SELECTED GENERAL DATA

ON

KANSAS USDs

BY
WEALTH SUFFICIENCY
TO FUND
ESTIMATED NEED MODEL
FOR
RURAL AND URBAN
SUBGROUPS



UREAN DISTRICTS BY AVAILABLE WEALTH PER PUPIL AT THE ESTIMATED NEED MODEL AFTER DEDUCTING FOR DEST

USD	FTE	AV 1987	Rural/Urban Mean Levy C/O + B&I	AFM for R/U GROUPS	estimated R/U NEED MODEL	AVAILABLE WFP ADJUSTED FOR NEED LESS DEBT
321	1009.1	224298706	.00894	E3 50	16 1 65	•••
_14	1500.1	149167192	.00894	53.30 53.30	1064.30	923 1477
331	1078.7	51413011	.00594	53.30	1064.30	(175)
407	1232.7	56570307	.00894	53.30	1064.30	(646) (53)
375	1163.0	43334984	.00894	53.30	1064.30	(654)
418	2285.3	77023974	.00894	53.30	1064.30 1064.30	(75.7
495	1092.6	35473062	.00894	53.30	1064.30	(765) (774)
460	1102.0	35583300	.00894	53.30	1064.30	(774)
382	1324.0	40663939	.00894	53.30	1064.30	(770)
352	1232.0	36033877	.00894	53.30	1064.30	(803)
260	5206.8	144884706	.00894	53.30	1064.30	(816)
312	1123.5	31168521	.00894	53.30	1064.30	(816)
315	1210.5	33323302	.00894	53.30	1064.30	(818)
512	29068.1	796559111	.00894	53.30	1064.30	(819)
457	5029.1	153976395	.00894	53.30	1064.30	(820)
428	3328.9	89728376	.00894	53.30	1064.30	(823,
480	3391.0	89826767	.00894	53.30	1064.30	(827)
259	43368.5	1110929480	.00894	53.30	1064.30	(835)
229	6595.û	168667464	.00894	53.30	1064.30	(836)
497	7639.6	195279705	.00894	53.30	1064.3ŭ	(856)
473	1205.0	30702048	.00894	53.30	1064.30	(837)
415	1100.i	27684377	.00894	53.30	1064.30	(839)
48Ÿ	3266.1	80071787	.00894	53.30	1004.30	· 845/
545	3374.5	78700961	.00894	53.30	1964.30	(856)
333	1354.4	31535351	.00894	53.30	1064.30	(856)
501	14181.7	325760905	.00894	53.30	1964.50	(839)
508	4897.3	111820437	.00874	53.30	1064.30	(005)
309	1472.5	33118199	.00894	53.30	1064.30	(863)
465	2273.1	50910359	.00894	53.30	1064.30	(864)
443	4120.1	91821236	.00894	53.30	1064.30	(865)
493	1231.5	27330226	.00894	53.30	1064.3ů	(866)
379	1561.6	33961009	.00894	53.30	1064.30	(870)
383	5848.6	123846961	.00894	53.30	1064.30	(875 <i>)</i>
315 400	2145.5	45166262	.00894	53.30	1064.30	(676)
490 101	2017.0	41954725	.00894	53.30	1064.30	(578)
437	1104.5 3319.6	22376356	.00854	53.50	1004.30	y883.
413	1943.0	66379379 50.565.3	.00894	53.30	1064.30	(886)
440	2343.8	38690613	.00894	53.30	1064.30	1660/
440 308	1442.6	46610250	.00894	53.50	1064.30	(887)
305	0675.8	28356915 130025743	.00894	53.30	1064.30	(889)
410	1024.0	15855813	.00894	53.30 53.30	1064.30	(890)
470	2907.4	57472165	.00894	53.30	1064.30	(891)
77.0	2701.4	J/4/2103	.00894	53.30	1064.30	(891)



TOTAL	301608.0	6794442983	.00894 Mn	53.30 Mn	1064.39 Mn	-649.22 Mn
203	1803.Ū ————	16225664	.00874	53.30	1064.39	(984)
475	6557.7	61725817	.00894	53.30	1064.30	(780)
407	1461.5	15202944	•ûù894	53.30	1064.30	(971)
230	1212.5	12795266	.00894	53.30	1064.30	(779.
374	1233.0	13343104	.00894	53.30	1064.30	λŸ۵Ĕ/
434	1215.2	14450325	.00894	53.30	1064.30	1958/
232	1651.8	20937425	.00894	53.30	1064.30	(951)
458	1150.6	14656197	.00894	53.30	1064.30	(950)
262	1882.0	24968380	.00894	53.30	1064.30	(946)
261	3117.8	41372600	.00894	53.30	1004.30	(946)
266	1740.1	23585193	.00894	53.30	1064.39	(943)
202	3836 <b>.</b> 1	53148939	.00894	53.30	1064.30	(\$40 <i>)</i>
464	1251.0	17680023	.00894	53.30	1064.30	(958)
307	1096.0	15712899	.00894	53.30	1064.30	(736)
402	1815.5	26096927	.00894	53.30	1064.30	(935)
453	4200.0	62118557	.00894	53.30	1064.30	1934)
3ûû	22131.4	326875449	.00894	53.30	1064.30	(932)
503	1957.5	29621570	.00894	53.30	1064.30	(929)
204	2073.0	31441142	.00894	53.30	1064.30	(929)
353	1884.0	28665817	.00894	53.30	1064.30	(928)
250	2909.0	44687535	.00894	53.30	1064.30	(927)
248	1037.0	10466831	.00894	53.30	1064.30	(923)
29Û	2135.5	34353026	.00894	53.3û	1064.30	\720)
320	1176.1	19063197	.00894	53.30	1064.30	(515)
267	1383.5	22491285	.00894	53.30	1061.30	(717)
506	1605.1	26801962	.00894	53.30	1064.30	(915)
257	1740.0	29248558	.00894	53.30	1064.30	(915)
450	3226.5	54215264	.00874	53.30	1064.30	(914)
365	1564.0	26682188	.00894	53.30	1064.30	(7107 (712)
234	2046.5	35288463	.00894	53.30	1064.30	(910)
373	3035.7	52972852	.00874	53.30	1004.30	(508)
233	12139.6	216122462	.00894	53.50	1064.30	(905 <i>)</i>
445	2765.0	50707784	.00894	53.30	1954.32	(900)
Zoā	1854.7	34073587	.00894	53.30	1064.30	1900
435	1386.5	25682961	.00894	53.30 -	1064.30	(255)
253	4460.5	82945104	.00894	53.30	1004.30	(848)
231	1656.2	31501966	.00894	53.30	1054.30 1064.30	1892) (894)
				53.3ŭ		

RURAL DISTRICTS BY AVAILABLE WEALTH PER PUPIL AT THE ESTIMATED NEED MODEL AFTER DEDUCTING FOR DEST

244	765.6	493247327	.00672	83.50	611.30	5,715
269	145.3	61573700	.00672	83.50	611.30	2,236
217	215.0	57832171	.30672	63.50	11.30	1.188
215	e65.0	138878950	.00672	83.50	611.3¢	751
507	382.Ŭ	73310681	.09o72	63,50	al1.30	678
210	897.5	172138611	.00672	83.50	o11.30	678
363	5.5ه	110847385	.00672	83.50	611.30	61.5 61.7
216	254.5	44148764	.00672	83.50	611.30	554



220	401.5	58155719	.00672	83.50	611.30	362
452	493.0	<b>65907</b> 958	.00672	63.50	611.30	255 255
362	760.3	101714100	.05572	83.50	611.30	205 205
220	237.7	28655649	•ขัข₀72	83 <b>.</b> 50	611.30	179
301	91.Ū	10940580	.00672	£3.50	611.30	177
424	118.0	13604876	.00672	83.50	611.30	175 175
332	307.0	34561228	.00672	83.50	611.50	145
399	170.5	18988252	.00672	83.50	611.30	137
275	108.5	10255602	.00672	83.50	611.30	157 24
328	475.5	44532540	•0ū672	83.50	611.30	24 18
351	282.0	26168374	.00672	83.50	611.30	12
200	336.7	30626428	.00672	83.50	611.30	
401	173.Ū	15502771	.00672	83.50	611.3Ū	(0)
474	140.0	12794336	.00672	83.50	611.30	(9) (22)
408	119.0	10398531	.00672	83.50	611.33	(24)
470	122.0	10059001	.00672	93.50	a11.50	
494	417.Ū	36456565	.00672	83.50	611.33	(25) (27)
ZŸŸ	208.5	18069184	.00672	83.50	611.30	
374	490.0	41981130	.00672	83.50	611.30	(2)
269	188.0	15884436	.00672	83.50	611.30	(367
304	123.5	9767700	.00672	83.50	611.30	(44)
228	139.0	10641709	.00672	83.50		(80 <i>)</i> - 57
218	596.0	45462536	.00672	83.50	611.30	(97)
242	108.5	8207005	.00672	83.50	611.33	(99)
300	420.5	31364357	.00672	83.50	611.30	(103)
375	364.0	26653509	.00672	63.50 63.50	611.30	(110)
219	203.5	14774257	.00672	83.50	611.30	(119)
103	225.5	16082626	.ũũ672	83.50	611.30 611.30	1123/
470	152.0	10699755	.00672	83 <b>.</b> 50	611.50	(132)
227	243.5	17112582	.00672	83.50	611.30 611.30	(138)
354	222.5	15509823	.00672	83.50	611.30	(139)
255	314.0	21866431	•00072	83.50	611.30 611.30	(143)
50 <i>2</i>	189.0	13071900	.00072 .00672	63.50		(145)
280	124.0	8400871	.00672	83.50	611.30 611.30	(147)
303	522.5	21912017	.00672	83.50		(152.)
314	149.5	1005579	.00672	83.50	611.30 611.30	(155)
444	386.0	25252713	.00672	83.5)		(159)
225	169.0	10773754	.00672	53.50 53.50	611.3ĕ €11.39	(172)
317	73.5	4578880	.00672	83.50	611.30	11837
483	560.0	34398913	.00572	83.50	611.30	(193)
302	204.5	12492110	.00672	83.50	611.30 611.30	(199)
326	227.5	13756829	.00672	83.50	611.30 611.30	(2017
438	353.8	20919817	.00672	83.50	611.30	(205)
482	307.0	20346568	.00672	83.50		(214)
5i l	234.0	12919652	.00672	83.50	611.30	(239)
477	220.0	11989562	.00672	53.50	611.30 611.30	(248)
270	489.0	20003844	.00672 .00672	83.50		(245)
251	147.5	7945040	.00672 .00672	63.50	611.39 641.30	12467 . 734
271	400.0	21274100	.00072 .00a72	83.50	oil.ēŭ ∧:: 2ā	(247 ·
274	475.5	24740656	.00572 .00572	63.50	611.30 ->> 53	12597
104	205.0	10045149	.00672 .00672	83.50	611.50 611.50	- 252)
221	172.5	8800507	.00672	63.5 <sub>6</sub>		(262)
467	505.0	28907353	.00672	83.50	ell.30	1200)
272	210.5	10759041	.00672	63.50	011.30 011.30	1200/
			100072	03.00	611.30	1,268)



316	142.5	7260366	.00672	83.50	611.3 <del>0</del>	(209)
492	234.0	11873430	.00672	83.50	611.30	
371	210.5	10680676	.ũ0o72	83.50	611.33	(27ŏ)
422	450.0	21407373	.00672	63.50	o11.20	· 272
405	352.û	17145671	.00672	83.50	611.30	(277)
295	119.5	5762856	.00672	83.E0	611.30	(234)
213	123.0	6173979	.00672	83.50	511.30	· 287.)
37Û	141.5	6818399	.00672	83.50	611.30	(287)
358	352.5	16940246	.00672	83.50	611.30	(297)
254	802.0	38090956	.00672	63.50	611.30	(258) (292)
455	152.5	7198536	.00672	83. 1Ú	611.30	(272° (274)
223	364.5	18078945	.00672	83.50	611.30	(274)
281	504.6	23635372	.00672	83.50	511.30	(277)
284	540.5	25133780	.00672	83.50	611.30	(297)
350	429.0	19716461	.00672	83.50	611.30	
334	265.0	11967694	.00672	83.50	611.30	(323)
275	401.0	18080733	.00672	83.50	611.30	(308) • 300
241	322.0	14164065	.00672	83.50	611.50	1306/
397	294.5	12842128	.00672	83.50	611.30	(3)64
459	<b>≽84.</b> 0	12266609	.00672	83.50	611.30	(318)
293	320.5	13817096	.00672	83.50	611.30	(321)
471	159.5	6868303	.00672	63.50	611.30 611.30	(322)
349	283.5	11585551	.00672	83.50	611.30	(323)
359	212.5	8841247	.00672	£3.50	611.30	(327)
224	403.4	16741572	.00672	83.50	611.30	(332)
300	ه57.1	27173399	.00672	83.50	611.30	(332)
347	378.7	15185857	.00672	83.50	611.30	(583)
431	0،10	27659661	.00672	83 <b>.</b> 50	611.30	18427
208	۵07 <b>.</b> 5	24512310	.00672	83.50	611.35	(342)
361	<b>985.</b> 5	38843157	.00672	83.50	611.30	(342)
294	582.5	22948867	.00672	83.50	611.39	(E46) (E47)
277	198.5	7587161	.00672	83.50	611.30	(347) (354)
222	446.9	17021619	.00672	83 <b>.</b> 50	611.50 611.50	(334) (355
355	552.1	20735582	.00672	83.50	611.50	1300 1300
423	420.0	15939512	.00572	83.59	oli.39	(305)
310	516.0	19147276	.00672	83.50	611.30 611.30	
426	259.0	9465551	.ùû672	83.50	611.39	₹362/ <b>₹</b> 365/
245	319.5	11637331	.00672	83.50	611.30	1367)
324	168.0	6117627	.00672	83.5Ú	611.30	(367)
381	251.5	9115444	.00672	83.50	611.30	(301) (305,
265	702.0	7198490	·ůů672	63.50	611.30	(372)
380	288.Û	10261054	.00672	83.50	611.30	(372)
419	384.5	13469367	.09672	83.50	611.3Û	(376)
297	419.0	14668970	.00672	83.50	611.30	(376)
300	5a0.ŭ	19598346	.00672	83.50	611.30	(376)
206	506.0	17447915	∙00672	83.50	o11.30	(350)
212	203.5	o991725	.00672	83.50	611.30	(350)
102	578.0	15834212	.90672	83.50	611.5ê	· 359 ·
452	405.5	13792788	.90672	83.50	611.30	101 1552/
392	475.5	16147636	.ŭû672	83 <b>.</b> 50	611.30	(388
318	472.5	15939619	.00672	33.50	511.30	1385)
237	642.5	21545267	.00672	63.50	611.30	(588)
511	263.5	8073559	•00672	83.50	611.30	(358)
255	333.0	10912236	•ûûo72	83.50	611.30	(391)
					411144	13/1/



427	605.5	19818703	.00672	83.50	611.30	(391)
273	780.0	25426604	.00672	63.50	611.30	(592)
360	301.0	9793442	.00672	83.50	611.30	(373)
વંનેઇ	386.5	12555908	.00672	83.50	611.59	(393)
405	750.1	24012707	.00672	83.50	611.30	(376)
466	326.5	10422576	.00672	63.50	o11.30	(397)
325	711.5	22685326	.00672	83.50	611.30	(397)
442	378.1	12033020	.00672	83.50	611.3Û	(397)
373	303.0	9611881	.00672	83.50	611.30	(398)
237	643.0	20387821	.00672	83.50	611.50	(398)
238	208.5	6589196	.00672	83.50	611.30	(399)
389	691.5	21804853	.00672	83.50	611.30	(399)
384	248.5	7832754	.00372	83.50	611.30	(399)
412	529.0	16625938	.00672	83.50	611.30	(400)
365	967.0	30396330	.00672	83.50	611.30	(400)
329	522.4	16466838	.00672	83.50	611.30	(400)
369	268.0	8402979	.00672	83.50	611.30	(401)
479	257.5	8011564	.00672	83.50	611.30	(402)
509	215.5	6639020	.00672	83.50	611.30	(404)
252	482.0	14828157	.00672	83.50	611.30	(405)
481	375.8	11538558	.00672	83.50	611.30	(405)
460	742.6	22721326	.00672	83.50	611.3Û	(406)
40û	794.5	24118570	.00672	83.50	611.30	(407)
272	547.0	16303704	.û0672	83.50	611.30	(411)
433	199.5	5904453	.00672	83.50	611.30	(412)
486	251.Û	7410261	.00372	83.50	611.30	(413)
364	900.0	26287915	.00672	83.50	611.30	(415)
462	409.5	11708442	.00672	83.50	611.50	(419)
264	942.5	26858120	.00672	83.50	611.30	(420)
417	972.5	27121605	.00672	83.50	611.30	(424)
24û	481.7	13391946	.00672	83.50	611.30	(424)
376	541.1	15009149	.00672	83.50	611.30	(425)
410	59o.7	16547315	.00672	83.50	611.30	(425)
375	412.5	11411769	.ûû672	83.50	611.30	(425)
251	000.Z	18322952	.00672	83.50	o11.30	(450)
258	620.0	16609438	.00672	63.50	611.30	(431)
380	599.0	15865127	72ە00،	83.50	611.30	(433)
406	539.5	14102673	.00672	83.50	611.3Û	(436)
283	177.5	4628351	.00672	83.50	611.3Û	(436)
458	391.2	10093058	.00672	83.50	511.30	(438)
327	710.8	18246068	.00672	83.50	611.30	(439)
322	413.5	10607277	.00672	83.50	611.30	(439)
484	891.0	22403318	.00672	83.50	611.30	(442)
387	388.0	9717134	.00672	83.50	611.30	(443)
346	544.0	13271393	.00672	83.50	611.30	(447)
367	334.0	8127226	.00672	83.50	611.30	(448)
356	399.5	9711868	.00672	83.50	611.30	(448)
205	682.0	14342019	.00672	83.50	611.3Û	(450)
411	248.3	5930241	.00672	83 <b>.</b> 50	611.30	(451)
278	310.0	7377076	.00672	83 <b>.</b> 50	611.SÜ	(451)
268	537.5	12703674	.00672	83.50	611.30	(452)
222	430.0	10130318	.00672	83.50	611.30	(453)
286	501.0	11701541	.00672	83.50	611.30	(454)
451	220.0	5137652	.00672	83 <b>.</b> 50	611.30	(454)



441	941.0	21871724	.00672	83.50	611.50	(455)
330	558.0	12531644	.00672	83.50	611.50	(460)
504	458.0	10224768	.00672	83.50	611.30	(461)
358	402.5	8809426	.00672	83.59	611.30	(404)
235	478.5	10184310	.00672	83,50	611.30	(405)
44ū	718.0	15156397	.00672	83.50	o11.30	(409)
377	778.0	16125474	.00672	83.50	611.30	(472)
211	706.5	14405468	.00672	83.50	611.30	(474)
243	486.5	9627717	.00672	83.50	611.30	(478)
420	629.0	12260552	.00672	83.50	611.30	(480)
378	ິ 1.5	10000887	.00672	83.50	611.30	(481)
421	378.5	7262025	.00672	83.50	611.30	(482)
436	804.7	14245119	.00672	83.50	611.30	(486)
45٥	329.5	6018134	.00672	83.50	611.30	(489)
463	მაშ.მ	6517166	.00672	83,50	611.30	(490)
43ů	643.7	11642302	.00672	83.50	611.30	(4707 (470 <i>)</i>
287	726.5	131308?7	.00672	83.50	611.30	(490)
461	781.0	13812733	.00672	83 <b>.</b> 50	611.30	
288	498.0	8713964	.00672	83.50	611.50	(492 <i>)</i> (454)
425	295.5	5133198	.00672	83.50	611.30	(474) (455)
247	779 <b>.</b> 5	13523666	.00672	83.50	611.30	(495)
342	481.5	8330351	.00672	83.50	611.30	(495)
341	529.0	9067162	.00672	83.50	611.30 611.30	(495)
339	379.9	6351642	.00672	83.50		(496)
487	560.a	9331237	.00072	83.50	611.30	(499)
323	577.5	9570873	.0067∠	83.50	611.30	(499)
404	745.9	12327327	.00672	83 <b>.</b> 50	611.30	(500)
343	855.5	14095903	.00672	83.50	611.30	(500)
449	638.0	10438211	.00672	83.50	611.30	(501)
289	667.7	10660544	.00672	63.50 83.50	611.30	(591)
33ა	887.5	13778108	.00672	83.50	611.30	(504)
505	312.0	4687727	.00672	83.50	611.30	(507)
372	6.10	8936539	.00672	83.50	611.30	(519)
335	465.5	6795238 ·	.00672	83.50	611.30	(5)17
249	420.5	6072170	.00672	83.50	611.30	(513)
34ŏ	918.2	12669100	.00672	83.50	511.50 -11.55	(514)
454	342.0	4709609	.00672 .00672	83.50	611.30	(519)
447	640.5	8766787	.00672	82.50	611.30 711.50	(519)
439	397.0	5411534	.00672	83.50	611.30 611.30	(519)
370	685.2	9134452	.00672	83.50		(520)
344	412.0	5458977	.00672	83.5û	611.30	(522)
340	715.5	9143616	.00672	83.50	o11.30	(522)
240	587.5	7245186	.00672	83.50	6¦1.30 611.30	(525 <i>)</i> (525)
508	859.0	10517006	.00672	83 <b>.</b> 50	611.30	(528) (528)
429	382.5	4662137	.00672	83.50	611.30	(529) (530)
338	460.9	5609540	.00672	83.50		(529)
357	674.9	8068652	.00672	83.50	611.30	(530)
400	480.9	5260115	.00872	63.50	611.30	(531) 4558)
337	768.1	8203445	.00672	63.50	611.30 611.30	(558) (558)
203	964.0	9785527	.00072 .00672	83.50		(540 <i>)</i> .543.
491	783.Z	7467929	.00672	83.50	611.50 411.50	(543)
479	704.5	4835130	.00672	63.5ÿ	611.50	(547)
		1000100	100072	•	611.30	(565)
TOTAL	98147.1	4460658996	.00672 Mn	83.50 Mn	611.30 Mn	-275.41 Mn



## APPENDIX 2 A

TOTAL LOCAL CONTROL

BY

DISTRICT NUMBER



USŪ	FTE	AV 1987	STATE AFM	WPP 3	DISCREPCT	RLMR TO	ESTIMATE	R <u>L</u> M -	WPF - KEED
			CO + BI	STATE	BETWN LOCAL	FUND ST.	R/U NEED	TO FUNE	HDJ. FOR
			HILLS	MN LEVY	WPP:MEAN	MEAN	MOCEL	WEED	0267
101	1104.5	22376356	.00727	147	85.77	.00304	1064.30	.05253	(883)
102	578.0	19834212	.00727	249	187.96	.00179	611.30	.01781	(381)
103	225.5	16082626	.00727	518	456.99	.00086	611.30	.00557	(132)
104	205.0	10645149	.00727	378	316.00	.00118	611.30	.01177	(262)
20û	336.7	30626428	.00727	661	599.77	.00068	611.3Ū	.00672	(0)
202	3836.1	53148939	.00727	101	39.22	.00444	1064.30	.07682	(540 <i>)</i>
293	764.O	9785527	.00727	74	12.29	.00406	611.39	.00022	(548)
204	2073.0	31441142	.00727	110	48.75	.00406	1064.30	.07017	1929)
205	å82 <b>.</b> 0	16342019	.00727	174	112.69	.00257	611.30	.02551	(459)
206	506.0	17447915	.00727	251	189.17	.00178	611.30	.01773	(350)
208	6Û7.5	24312310	.00727	291	229.44	.00154	611.30	.01527	(342)
209	145.3	61573700	.00727	3081	3019 <b>.29</b>	.00015	611.30	.00144	2,256
210	897.5	172138611	.00727	1394	1332.86	.00032	611.30	.00319	678
211	706.5	14405468	.00727	148	86.72	.00302	611.30	.92998	(474)
212	203.5	6991725	.00727	250	188.27	.00179	611.30	.01779	(389)
213	128.Ü	o173979	.00727	351	289.15	.00128	611.30	.01257	(287)
214	1500.1	149167192	.00727	723	661.41	.00062	1064.30	.01070	(175)
215	685.0	138878950	.00727	1474	1412.43	.00030	611.30	.00302	751
Zíó	254.5	44148764	.00727	1261	1199.64	.00035	611 <b>.</b> 30	.00352	554
217	216.Ū	57832171	.00727	1946	1884.97	.00023	611.3Ū	.00228	1,138
218	596.0	45462536	.00727	555	493.04	.00081	611.30	19800.	(99)
219	203.5	14774257	.00727	528	466.30	.00085	611.30	.00842	(123)
220	237.7	28655649	.00727	876	814.92	.00051	611.30	.00507	199
221	172.5	8866507	.00727	374	312.17	.00120	611.30	.01189	(266)
322	430.0	10130318	.00727	171	109.76	.00261	611.30	.02595	(45):
225	384.5	18078945	.00727	342	280.32	.00131	611.30	.01300	(275.
224	403.4	16741572	.00727	302	240.20	.00148	611.39	01475	(332:
225	109.0	10773754	.00727	463	401.95	.00056	611.30	.00957	(183)
226	401.5	58155719	.00727	1053	991.52	.00042	611.50	.00422	362
227	243.5	17112382	.00727	511	449.40	.00088	611.30	.00870	(139)
228	139.0	10641709	.00727	557	495.07	.00080	<b>511.3</b> 0	.00798	(97.
229	6595.0	168667464	.00727	186	124.42	.00241	1064.30	.04161	(830)
230	1212.5	12795266	.00727	77	15.21	.00583	1064.30	.10085	(976)
231	1656.2	31601966	.00727	139	77.21	.00322	1064.50	.05578	(२५५)
232	1651.8	20937425	.00727	92	30.64	.00485	1064.30	.06370	(951)
233	12139.6	216122462	.00727	129	67.92	.00346	1064.30	.05978	(905)
234	2046.5	35288463	.00727	125	<b>6</b> 3.85	.00357	1064.30	.06172	(910)
235	478.5	10184310	.00727	155	93.22	.00289	611 <b>.</b> 30	.02872	(468)
237	643.0	20 389821	.00727	231	169.02	.00194	611.3Ū	.01928	(398)
238	208.5	6589196	.00727	230	168.24	.00195	o11.30	.01934	(399)
239	<b>642.5</b>	21345287	.00727	242	180.02	.00135	611.30	.01840	(388/
240	481.7	13391944	.09727	202	140.61	.00221	611.3Û	.02199	4424,
241	322.0	141640 - 4	.00727	320	258.28	.00140	6159	.01390	(316)
242	108.5	8207005	.00727	55û	488.40	18000.	ŏ11.3Ū	.00608	(103)
243	486.5	9627717	.00727	144	82.36	.00311	611.30	.03089	(478)
244	765.6	493247327	.00727	4684	4622.28	.00010	611.30	.00095	3,718
245	319.5	11637231	.00727	265	203.29	.00169	611.30	.01o7ë	(367)



246	587.5	7245186	.00727	90	28.15	.00459	611.50	.04957	(525)
247	779.5	13523666	.39727	126	64.62	.00355	611.39	.05524	(495)
248	1037.0	16466831	.00727	115	53.71	.00358	1004.39	.06715	(923)
249	.420.5	6072170	.00727	105	43.47	.00426	93.110	.04253	(514)
250	2907.0	44687539	.00727	112	50.17	.00400	1004.30	.00925	(727)
251	080.2	18322952	.00727	196	134.33	.00228	611.33	.62259	(456)
252	482.0	14828157	.00727	224	162.14	.00200	11.30 اه	.01987	(405)
253	4460.5	82945104	.00727	135	73.68	.00331	1064.50	.05723	(5 <del>9</del> 8)
254	802.0	38090956	.00727	345	283.78	.00130	611.30	.01287	(292)
255	314.0	21866431	.00727	506	444.76	.00088	611.30	.00878	(143)
256	333.Û	10912236	.00727	238	176.72	.00188	611.30	.01865	(371)
257	1746.Ū	29248558	.00727	122	60.28	.00367	1064.30	.06353	(915)
258	620.0	16609438	.00727	195	133.25	.00250	611.30	.02282	(451)
259	43368.5	1110929480	.00727	186	124.72	.00240	1064.33	.02252	(835)
Zoû	5200.8	144884706	.00727	202	140.79	.00221	1064.50	.03825	(316)
201	3117.8	41372600	.00727	90	34.96	.00464	1004.30	.03020 .08020	(946)
262	1682.0	24968360	.00727	96	34.74	.00464	1064.30	.08922	
263	1803.Ū	16225564	.09727	65	3.91	.00484	1064.30	.11827	1746) 1354)
264	942.5	26858120	.00727	207	145.66	.00216	611.30	.02145	(954) 74580
265	1854.7	34073587	.00727	134	72.05	.00335	1064.30		(428) (555)
ŽΦΦ	1740.1	25585193	.00727	99	37.03	.00353	1064.30	.05793	(700)
267	1383.5	22491285	.00727	118	56.68	.00378	1064.30	.07852	(943)
268	537.5	12703674	.00727	172	110.31	.00260		.06547	(915)
269	188.0	15884436	.00727	614	552.74	.00280	611.30	.02586	(452)
270	489.0	26603844	.00727	3 <del>7</del> 6	334.01	.00073	611.30	.00724	(44)
271	406.0	21274100	.90727	381	319.43	.00113	611.30	.91124	(240)
272	. 547.0	16303704	.90727	217	155.18		611.30	.01167	(259)
273	780.0	25426604	.00727	237	175.48	.00206	611.30	.02051	(411)
274	475.5	24746636	.00727	378		.00189	611.30	.01875	(392)
275	108.5	10255602	.00727	687	316.85	.00118	611.30	.01175	(262)
278	310.0	7377076	.00727	173	625.66	.00065	611.30	.00647	24
279	178.5	7587161	.00727	173 278	111.49 216.37	.60258	611.30	.02569	(45)
280	124.0	8466891	.00727	276 496	434.90	.00161	oli.30	.01599	(354)
28ì	504.0	23535372	.00727	470 341		.00090	611.30	.09895	(152)
ZēZ	446.9	17521619	.00727	341 277	279.02	.00131	511.30	.01305	,277 <i>3</i>
285	177.5	4628351	.00727		215.39	.06161	oll.30	.01:05	1855/
284	540.5	25133780	.00727	190 330	128.06	.00236	611.50	02344	:435)
285	202.0	7198490	.00727	338 259	276.55	.00132	611.30	.01315	(295)
286	501.0	11701541	.00727		197.56	.00173	611.30	.0.715	(372)
287	726.5	13130877	.00727	170 131	108.29	.00263	611.30	.02617	(454)
288	498.Û	8713964	.00727		69.89 45.70	.00340	611.30	.03382	(450)
289	067.7	10660544	.00727	127 116	65.7Ū	.00352	611.30	.03494	(494)
27Ü	2135.5	34353024	.00727	117	54.56	.00385	611.30	.03329	(504)
291	147.5	7945040	.00727		55.44	.00382	1064.30	.06516	√ŸŽŨJ
292	210.5	10759041		392 373	330.09	.00114	611.30	.01135	(249)
293	320.5	13817096	.00727	372	310.07	.00120	ó11.30	.01196	(268)
294	520.5 582.5		.00727	313	251.91	.00143	611.30	.01418	(322)
295	119.3	22948867 5762856	.00727	286	224.91	.00156	611.30	.01552	· 547 <i>)</i>
297 297	417.0		.00727	351 555	289.52	.00127	611.30	.01200	1267)
277 298		14668970	.00727	255	193.01	.00176	611.30	.01740	15761
270 299	401.0 302 E	18080733	.00727	328	266.29	.00136	611.30	.01350	(303)
277 300	208.5 420.5	180o9184 31344357	.00727	630 540	568.53	.00071	11.30	.00705	(29)
300 301	420.5	31364357	.00727	542	480.75	.00082	511.30	.00820	(110)
302	91.0 204.5	10940580	.60727	874	812.53	.00051	611.30	.00508	197
JUZ	204.0	12472110	.00727	444	382.59	.00101	611.30	.01001	(261)



503	322 <b>.5</b>	21912017	.00727	494	432.44	.00091	611.3û	.00900	(155)
304	123.5	9767700	.00727	575	513.48	.00078	611.30	.00773	. (50)
395	675.8 و	130025743	.00727	142	80.09	.00316	1004.30	.05464	(890)
300	57.1ه	27173599	.00727	301	239.13	.00149	611.39	.01478	(333)
307	334.0	. 8127226	.00727	177	115.39	.09253	611.20	.02512	(446)
308	4897.3	111820437	.00727	160	104.49	.00269	1004.30	.04001	(850)
309	1472.5	33118199	.00727	164	102.00	.00273	1064.30	.04732	(303)
31ü	51a.0	19147276	.00727	270	208.26	.00160	611.30	.01647	(302)
311	263.5	8673539	.00727	239	177.79	.00187	611.3ú	.01857	(390)
312	1123.5	31188521	.00727	202	140.31	.00222	1064.30	.03834	(816)
313	2145 <b>.5</b>	45166262	.00727	153	91.54	.00292	1004.50	.05056	(876)
314	147.5	10055999	.00727	489	427.50	.00091	611.30	.00909	(159)
315	1210.5	33323302	.00727	200	138.02	.00223	1064.30	.03866	(818)
310	142.5	7260356	.00727	370	303.90	.00121	o11.30	.01200	(Ze7:
317	73.5	4576880	.00727	453	391.39	.00099	611.30	.00531	(193)
318	472.5	1 <b>59</b> 39619	.00727	245	183.74	.00182	611.30	.01512	(385)
320	1176.1	17083197	.00727	118	56.45	.00379	1964.30	.0:559	(915)
321	1009.1	224298706	.00727	1616	1554.44	.00028	1064.30	.00479	923
322	413.5	10607277	.00727	186	124.98	.00240	611.30	.02383	(439)
323	577.5	9570873	.00727	120	58.98	.00371	611.30	.03689	(500)
324	168.0	6117627	.00727	265	203.22	.00169	611.30	.01679	(367)
325	711.5	22685326	.00727	232	170.29	.00193	611.30	.01917	(397)
320	227.5	13756829	.00727	440	378.10	.00102	611.30	.01611	(265)
327	710.8	18246068	.00727	187	125.11	.00240	611.30	.02381	(437)
328	475.5	44532540	.00727	681	619.35	.00066	611.30	.00653	18
329	522.4	16406838	.00727	228	166.82	.00196	611.30	.01946	(400 <i>)</i>
330	558.0	12531644	.00727	163	101.76	.00274	611.30	.02722	(400)
331	1098.7	51413011	.00727	340	278.69	.00131	1064.30	.02274	(646)
332	307.0	34561228	.00727	818	756.93	.90055	611.30	.00543	145
333	1354.4	31535351	.00727	169	107.76	.00264	1064.30	.04571	(856)
334	265.0	11967894	.00727	328	266.82	.00136	611.30	.01354	(308)
335	465.5	6795238	.00727	100	44.62	.00421	611.30	.04185	(513)
336	887.5	13778108	.00727	113	51.35	.00396	611.50	.03938	(567
337	768.1	8203445	.00727	78	10.13	.00576	611.3Ú	.05724	(540)
338	460.9	5609540	.00727	88	26.97	.00505	611.50	.05023	(830)
339	379.9	6351642	.00727	122	60.04	.00368	611.30	.0365a	(499)
346	715.5	9143616	.00727	93	31.40	.00481	611.3ů	.04784	(525-
54i	529.0	9067162	.06727	125	63.10	.00359	611.30	.03566	(450)
342	481.5	8330351	.00727	126	64.27	.00356	11.30	.03533	(495)
343	855.5	14095903	.00727	120	58.28	.00373	611.30	.03710	(501)
344	412.0	<b>5</b> 458977	.00727	96	34.82	.00464	611.50	.04614	(522)
345	3374.5	78700961	.00727	17Ū	108.04	.00264	1064.30	.04563	(836)
346	544.0	13271393	.00727	177	115.85	.00252	611.30	.02506	(447)
347	378.7	15186857	.00727	292	230.04	.00153	611.30	.01524	(342:
348	918.2	12669100	.00727	100	38.80	.00446	611.3Ū	.04450	(519)
349	283.5	11989551	.00727	307	245.95	.00145	611.30	.01445	(327)
350	429.0	19710461	.00727	334	272.51	.00134	611.30	.01331	. 2037
351	282.0	26168374	.601'27	675	613.11	.00066	611.3Ū	.მშანწ	12
352	1232.0	36033877	.90727	213	151.12	.00210	1064.30	.03639	(803)
353	1884.0	28665817	.00727	111	49.11	.00404	1064.30	.06995	(928)
354	222.5	15509823	.00727	507	445.26	88000.	611.30	.96877	(145)
3 <b>5</b> 5	552.1	20938582	.00727	276	214.21	.00162	611.30	.01612	(350)
355	399.5	9711838	.ū0727	177	115.22	.00253	611.30	.02515	(448)
357	674.Ú	8068652	.00727	87	25.52	.00514	611.30	.05106	(531)
					•			,	



358	402.5	8809426	.00727	159	97.61	.00281	611.3ū	.02793	(464)
359	212.5	8841247	.00727	302	240.96	.00148	611.30	.01409	(332)
ĴðŮ	301.0	9793442	.00727	237	175.93	.00189	611.30	.01879	(353
361	985.5	38843157	.00727	287	225.03	.00156	611.30	.0155.	(345)
362	780.3	101714100	.00727	948	886.15	.00047	611.30	.0:3::	255
303	605.5	110847385	.00727	1331	1269.39	.00034	611.30	.0046	617
364	500.0	26287915	.00727	212	150.84	.00211	611.30	.92993	(415)
365	967.0	30396330	.00727	228	166.87	.00196	611.30	.01946	(410)
366	560.0	19598346	.00727	254	192.92	.00176	611.30	.01747	(400) (376)
367	1096.0	15712899	.00727	104	42.72	.00429	1064.30	.07424	
368	1442.6	28356915	.00727	143	81.40	.00313	1064.30		(936)
369	268.0	8402979	.00727	228	166.44	.00313	611.30	.05414	(889)
371	210.5	10680676	.00727	369	307.37	.00178		.01950	(401)
572	601.O	8936539	.00727	108	46.59	.00121	611.30	.01205	(276)
373	3035 <b>.</b> 7	52972852	.00727	127	65 <b>.</b> 35		611.30	.04111	(5117
374	490.0	41981130	.00727	623	561.35	.00952	1064.50	06099	15057
375	1163.0	43334984	.00727	271		.00072	ol 1 - 30	.00714	1357
376	541.1	15009149	.00727	202	209.38	.00165	1064.30	.02856	(731)
577	778.0	16125474	.00727		140.15	.00222	611.30	.02204	(425)
378	514.5	10000887		151	89.17	.00297	611.3Ū	.02949	(472)
379	1501.6	33961009	.00727	141	79.80	.00316	611.30	.03145	(481)
389	599.0		.00727	158	96.59	.00283	1064.30	.04894	(870)
381		15865127	.00727	193	131.04	.00232	611.30	.02308	(438)
382	251.5	9115444	.00727	263	201.99	.00170	o11.30	.01687	(356)
	1324.0	40663939	.00727	223	161.77	.00200	1064.30	.03465	(750)
383 353	5848.6	123846961	.00727	154	92.44	.00290	1064.30	.05026	(675)
384	248.5	7832754	.00727	229	167.64	.00195	o11.30	.61939	(359)
385	1564.0	26682188	.00727	1 24	62.52	.00361	1964.30	.06238	(912)
386	288.0	10261054	.00727	259	197.51	.00173	611.30	.01716	(372)
387	388.0	9717134	.00727	182	120.56	.00246	611.30	.02441	(443)
388	352.5	1 6940246	.00727	349	287.87	.00128	611.30	.Ū1272	1288)
389	691.5	21804853	.00727	229	167.73	.00195	611.30	.01939	(399)
370	141.5	6818399	.00727	350	288.81	.00128	611.30	.01269	(287)
392	475.5	16147636	.00727	247	185.37	.00181	611.30	.01800	13837
373	303.0	५०११४४।	.00727	231	169.11	.00194	611.50	.01727	398
394	1233.9	13343104	.00727	79	17.16	8ە500.	1004.20	.09855	třeč.
375	364.0	26653509	.00727	532	470.83	.00984	611.59	.00835	(115)
396	o85.2	9134452	.00727	97	35.41	.00451	ol1.50	-94586	(522)
377	294.5	12842128	.00727	317	255.51	.00141	ol:.30	.01402	(318)
378	412.5	11411769	.00727	201	139.61	.00222	611.30	.02210	1425.
399	170.5	18988252	.00727	81 Ū	748.14	.00055	ál1.30	.00549	137
400	794.5	24118570	.06727	221	159.18	.00203	611.3Ū	.02014	(407)
401	173.0	15502771	.00727	651	589.96	.000.67	611.30	.02014 .00082	(9)
402	1813.5	26096927	.00727	105	43.11	.00427	1064.30	.07396	(77 (98 <i>6)</i>
403	352.0	17145671	.00727	354	292.61	.00126	611.30	.01255	(7867 (284)
404	745.9	12327327	.00727	120	58.64	.00123	611.30	.03699	(204 <i>)</i> (599 <i>)</i>
405	750.ì	24012707	.00727	233	171.22	.00192	611.30	.03877 .01910	(3997 (3967
400	480.9	5260115	.00727	80	18.01	.00562			
407	1232.7	5 <sub>5</sub> 570307	.00727	334	272.12	.00362 .00134	611.30	.05589	15387
408	539.5	141ú2673	.00727	190	128.53		1064.30	.02319	1054/
409	1677.1	32276259	.00727	170 140		.00235 00230	611.30	.02339	(436)
410	5 <del>7</del> 6.7	16547315	.00727		78.41	.00320	1004.30	.95530	1892.
411	248.3	5930241	.00727	202 174	140.10	.00222	611.30	.02204	(425.
412	529.0	16625938		174	112.12	.00258	611.30	.02560	(451)
413	1943.0		.00727 00727	228	166.98	.00196	611.3Û	.01945	(400)
713	1743.0	38690813	.00727	145	83.26	.00309	1064.30	.05345	(885)



415	1100.1	27684377	.00727	183	121.44	.00244	1004.30	.04229	(839)
416	1024.0	19888813	.00727	141	79.69	.00317	1064.30	.05430	(691)
417	972.5	27121605	.00727	203	141.24	.00221	o11.30	.02152	(424)
418	2288.3	77023974	.00727	245	183.20	.00183	1064.50	.031c2	1763)
417	384.5	13469387	.00727	255	193.16	.00176	611.50	.01745	13762
42û	629.Û	12260552	.00727	142	80.2ō	.00316	o11.30	.03136	14857
421	378.5	7262025	.00727	139	77.97	.00321	611.30	.03186 68180.	(482)
422	430.0	21407373	.00727	362	300.42	.00124	611.30	.01228	(277)
423	426.Ü	15939512	.00727	272	210.51	.00164	611.30	.01223	(350)
424	118.0	13804876	.00727	851	789.01	.00053	611.30	.00523	i75
425	295.5	5133198	.00727	126	64.78	.00354	611.30	.03519	· (495)
426	259.0	9465551	.00727	266	204.18	88160.	611.30	.01673	(305)
427	5.5نه	19818703	.00727	238	176.45	.00188	ol1.30	.01675	(391)
428	3328.9	89728376	.00727	196	134.45	.00228	1064.50	.03949	(823)
429	382.5	4602137	.00727	89	27.10	.00505	611.30	.95015	(52 <i>7)</i>
430	643.7	11642302	.00727	131	69.98	.00340	611.30	.03389	
431	oÿ1.0	27659661	.00727	291	229.50	.00154	611.30	.01527	(498) (585)
432	403.5	13792789	.00727	249	187.00	.00180	611.30	.01 <i>527</i> .01788	(342) (333)
433	199.5	5904453	.00727	215	153.65	.00208	611.30	.01768 .02065	(382)
434	1215.2	14450326	.00727	86	24.94	.00517	1064.30	.08950	(412)
455	1386.5	25682961	.00727	135	73.16	.00332	1064.30	.05745	(958) (950)
436	804.7	14945119	.00727	135	73.51	.00332	611.30		(899) 4 37 (1
437	3517.0	66379379	.00727	145	53.86	.00308	1064.30	.03291	(486)
438	353.8	20919817	.00727	430	368.36	.00303	611.30	.05323 .01034	(886) 1301
439	399.0	5411534	.00727	77 77	37.09	.00104	611.30 611.30		(214)
440	718.0	15156397	.00727	153	91.95	.00291	611.30	.04597 .02896	(520)
441	941.0	21871724	.00727	169	107.47	.00277	611.50	.02676 .02530	(469)
442	378.1	12033020	.00727	231	169.86	.00253	611.30 611.30	.02550 .01921	(455 <i>)</i> . 505)
443	4120.1	91821236	.00727	162	100.51	.00276	1964.30		(397)
444	386.0	25252713	.00727	476	414.10	.00276	611.30	.04776 .00934	(865)
445	2765.6	50707784	.00727	133	71.79	.00335	1064.30	.05805	(172)
440	2343.8	46610250	.00727	145	83.07	.00309	1004.30	.05655	(900)
447	640.5	8765787	.00727	100	38.00	.00449	611.30	.0332 .04466	(887)
448	380.5	12565908	.00727	236	174.85	.00189	511.50 511.50		(517)
449	638.Ü	10436211	.00727	119	57.43	.00:07	611.30	.01880 .03738	(393) (393)
45û	3226.5	54215264	.00727	122	50.65	.00300	1064.30	.03/38 .06334	35017
451	220.0	5137652	.00727	170	108.27	.00263	611.30		(914)
452	493.6	65907958	.00727	971	909.22	.00265	611.30	.02613 .00458	(454)
453	4260.0	62118557	.00727	106	44.50	.00422	1064.30	.07299	260 .651.
454	342.0	4709609	.00727	100	38.60	.00422	611.30	.04439	(934)
455	152.5	7198536	.00727	343	281.66	.00130	611.30		(51 <i>9)</i>
456	329.5	5018134	.00727	133	71.27	.00337	611.30 611.38	.01295 .03347	(294) (487)
457	5629.1	153976395	.00727	199	137.35	.00225	1064.30	.03891	(407) (820)
458	115û.6	14656197	.00727	93	31.09	.00223	1064.30	.08355	(550)
45ÿ	284.0	12266609	.00727	314	252.50	.00142	611.30	.06333	
460	742.0	22721326	.00727	223	161.11	.90291	o11.30	.91996	(3217 (4857
401	781,0	13812733	.00727	129	67.07	.00348	611.30	.0245 <sub>0</sub>	(492)
462	409.5	1:708442	.00727	208	146.35	.00215	611.30	.02138	
463	360.0	6517166	.00727	132	70.10	.00213	611.30	.02136	(4)7 <i>)</i> ,,,,,,,
464	1251.0	17680023	.00727	103	41.23	.00435	1064.30	.03377 .07531	(450) (551)
465	2273.1	50910359	.00727	163	191.32	.00435	1004.30	.87581 .34752	(725) (544)
400	1102.0	35583300	.00727	235	173.24	.00190	1054.30 1064.30	.94752 .93295	(864) 1774)
467	563.0	28907353	.00727	373	311.77	.00120	611.30	.03276 .01171	(7767
468	117.0	10398531	.00727	635	573.76	.00120	611.30	.01171	(266)
			144141	500	413110	*60010	311.20	.00700	(24)



469	1461.5		.00727	76	14.11	.00591	1064.30	.10231	(971)
47ū	2967.4		.00727	141	79.29	.00318	1064.30	.05495	(891)
471	159.5		.00727	313	251.55	.00143	611.50	.01420	(522)
473	1205.0		.00727	185	123.72	.00241	1064.33	.04177	(\$37)
474	146.0		.00727	637	575.58	.00070	011.30	.00698	(22)
475	6557.7		.00727	ବ୍ୟ	6.92	.00653	1064.30	.1130a	(780)
476	122.ū	10639601	.00727	634	572.51	.00071	611.50	.00701	(25)
477	220.0	11989562	.00727	396	334.69	.00113	611.30	.01122	(245)
479	257.5		.00727	226	164.68	.00198	611.30	.01965	(402)
480	3391.0	89826767	.00727	193	131.07	.00232	1064.30	.04018	(627)
481	375.8	11538558	.00727	223	161.71	.00200	611.30	.01991	(405)
482	367 <b>.</b> 0	20346568	.0ū727	403	341.54	.00111	611.30	.01103	(239)
453	500.0	34398913	.00727	447	385.06	.00100	611.30	.00995	(159)
484	891.0	22403318	.00727	183	121.29	.09245	611.30	.02431	(442)
400	251.0	7410261	•00727	215	153.12	.00208	611.30	.02071	(413)
467	5où.6	9331237	.00727	121	59.50	.00370	611.59	.33673	(459)
4่อีซี	326.5	10422576	.00727	232	170.56	.00193	611.30	.01915	(397)
489	3266.1	80071787	•ūū727	178	116.72	.00251	1084.30	.04341	(845)
49ū	2017.Ū	41 954725	.GU727	151	89.71	.00296	1064.30	.05117	(878)
491	783.2	7467929	.00727	69	7.81	.00645	611.30	.06411	(547)
492	234.0	11873430	.00727	369	307.38	.00121	611.30	.01205	(270;
493	1231.5	27330226	.00727	161	99.83	.00277	1064.50	.04796	(866)
494	419.Ū	36458565	.00727	633	571.08	.00271	611.50	.00703	(27)
495	1092.6	35473062	.00727	236	174.52	.00169	1064.30	.03278	(774)
496	152.0	10699755	.00727	512	450.25	.00087	611.30	66800.	(138)
497	7 <del>6</del> 39.6	195279705	.00727	186	124.32	.00241	1064.30	.04164	(838)
498	391.2	10093058	.00727	188	126.06	.00238	611.3ü	.02369	(438)
4ÿŷ	704.5	4835130	.00727	50	-11.61	.00896	611.30	.08907	1565)
500	22131.4	326875449	.00727	107	45.87	.00416	1064.30	.07206	(932)
501	14181.7	325760905	.00727	167	105.49	.00268	1064.30	.04633	(859)
50 Z	187.0	13071900	.00727	503	441.31	.00089	611.30	.00884	(147)
503	1957.5	29621570	.00727	110	48.50	.00406	1064.30	.07033	(929-
504	458.0	10224768	.00727	162	100.79	.00276	611.30	.02738	(4e)
505	312.Ū	4687727	.00727	109	47.72	.00409	611.30	.04069	<b>15:3</b> 1
30o	1605.1	26801962	.00727	121	57.88	.00368	1064.30	.06374	(Ŷ15/
597	382.0	73310681	.00727	1395	1333.70	.00032	611.30	.00319	67ĉ
508	859.0	10519006	.00727	89	27.52	.00502	611.30	.04992	15291
507	215.5	663 <del>7</del> 020	.00727	224	162.46	.00200	611.30	.01984	(404)
511	234.0	12919652	.00727	401	339.88	.00111	611.3Ü	.01707	(240)
512	29068.1	796559111	.00727	199	137.71	.00224	1064.30	.03884	(E19)
							· VU I FU V	FOOCUT	10111
TOTAL	399755.2	11255101979	.00727 Mn	313.00 Mn	251.49 Mn	.00239 Mn N	<b>Í</b> n	.03019 Mn	-4 <u>23.80</u>



#### APPENDIX 2 B

TOTAL LOCAL CONTROL

BY

LOCAL REQUIRED MILL RATE

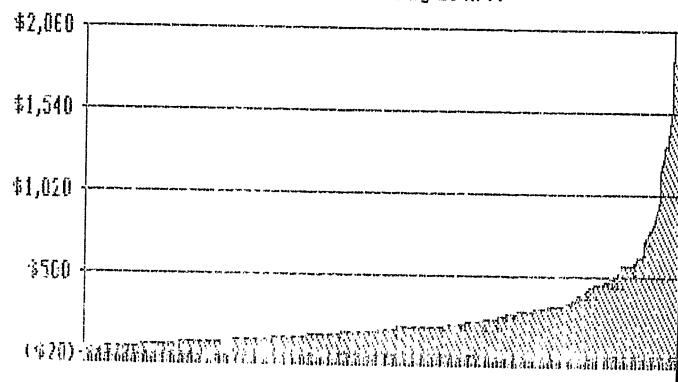
(RLMR)

TO FUND THE STATE

AVERAGE PRACTICE MODEL



# TOTAL LOCAL CONTROL Revanue Sufficiency at APM





APPENDIX 2B: TOTAL LOCAL CONTROL DATA ARRAYED BY LOCAL REQUIRED MILL RATE TO FUND THE STATE AVERAGE FRACTICE MODEL (AFM) FROM HIGH TO LOW

სწ9	FTE	fw 1987	STATE AFM CO + BI MILLS	WPP 3 STATE MN LEVY	Discrepcy Betwn Lücal WPP:MEAN	RLMR TO FUND ST. MEAN	ESTIMATED R/U NEED MODEL	RLMR TO FUND NEED	WFF - NEED HDJ. FOR DEBT
499	704.5	4835130	.00727	50	-11.61	.00896	611.30	.08907	. 5.5.
263	1803.0	16225664	.00727	65	3.91	.00684	1064.30		(565)
475	6557.7	61729817	.00727	68	6.92	.00653	1064.30	.11327 .11306	(984)
491	783.2	7467929	.00727	69	7.81	.00645	611.30	.06411	(980) (547)
203	964.0	9785527	.00727	74	12.29	.00606	611.30	.06411	(542)
469	1461.5	15202944	.û0727	76	14.11	.00591	10°04.30°	.10231	. \$71)
230	1212.5	12795266	.00727	77	15.21	.00583	1064.30	.10085	(970)
337	768.1	8203445	.00727	78	16.13	.90576	611.30	.05724	(540)
394	1233.0	13343104	.00727	79	17.16	.00568	1064.30	.03724	(548) (765)
4ū6	480.9	5260115	.00727	80	18.01	.00502	611.30	.05589	(538)
434	1215.2	14450326	.00727	86	24.94	.00517	1064.30	.08950	(958)
357	674.0	8068652	.00727	87	25.52	.00514	611.30	.05106	(531)
338	460.9	5609540	.00727	88	26.97	.00505	611.30	.05023	(530)
429	382.5	4662137	.00727	89	27.10	.00505	611.30	.05015	(529)
508	859.0	10519006	.00727	89	27.52	.00502	11.30	.04992	(529)
246	587.5	7245186	.00727	90	28.15	.00499	611.30	.04957	(528)
232	1651.8	20937425	.00727	92	30.64	.00485	1064.30	.08396	(551)
458	1150.0	14655197	.00727	93	31.09	.00483	1064.30	.08355	(953)
340	715.5	9143616	.00727	93	31.40	.00481	611.30	.04784	1525/
344	412.0	5458977	.00727	Ŷδ	34.82	•00464	611.30	.04614	(522)
262	1882.0	24968380	.00727	96	34.94	.00464	1064.30	.08022	(946)
261	3117.8	41372600	.00727	96	34.96	.00464	1064.30	.08020	(946)
396	ა85.2	9134452	.00727	97	35.41	.00461	611.50	.04586	√522,
200	1740.1	23585193	.00727	99	37.03	.00454	1054.30	.07852	(948,
439	399.0	5411534	.00727	79	37.09	.00454	511.5Û	.04597	. = ::
447	64Ū.5	8766787	.90727	100	38.00	.00445	a11.30	. ĝŝŝŝĝ	(8,0
454	342.0	4709609	.00727	100	38.60	.00447	611.30	.04439	(515)
348	918.2	12609100	.00727	100	38.80	.00446	611.3Û	.04450	(517)
202	3836.1	53148939	.06727	161	39.22	.00444	1064.30	.07662	(940)
464	1251.0	17680023	.00727	103	41.23	.00435	1064.30	.07531	(956)
367	1090.0	15712899	.00727	104	42.72	.00429	1964.30	.07424	1930
402	1813.5	26096927	.00727	105	45.11	.00427	1064.30	.07396	(536)
249	420.5	6072170	.00727	105	43.47	.00426	611.30	.04233	(514)
453	4260.0	62118557	.00727	106	44.50	.00422	~ 1004.30	.07299	(934)
335	465.5	6795238	.00727	106	44.62	.00421	611.30	.04188	(513)
500	22131.4	326875449	.00727	107	45.87	.00410	1064.30	.07206	•932;
372	601.J	8936539	.00727	108	46.59	.00414	611.3Û	.04111	(511)
505 505	312.0	4687727	.00727	109	47.72	.00409	611.33	.04069	(5:0)
503	1957.5	29621570	.00727	110	48.50	.00406	1064.39	.5~033	1727/
204	2073.0	31441142	.00727	110	48.75	.00406	1064.30	.07017	(929)
353	1884.0	28665817	.00727	111	49.11	.00404	1004.30	.06995	1925/
250 234	2909.0	44687539	.00727	112	50.17	.00466	1064.30	.00928	1727)
3 <b>3</b> 6	887.5	13778108	.00727	113	51.35	.00396	11.30	.03938	(507)
248	1039.0	16466831	.00727	115	53.71	.00388	1064.30	.06715	(923)
289	667.7	10660544	.00727	116	54.56	.00385	11.30	.03829	(504

29 Û	2135.5	34353026	.00727	117	55.44	.00382	1064.30	.006.5	(720)
320	1176.1	19083197	.00727	118	56.45	.00379	1064.30	·4:557	(919)
267	1383.5	22491265	.00727	118	56.68	.00378	1064.30	.00547	910)
449	638.0	10438211	.00727	119	57.43	.00376	611.50	.03735	1501,
343	855.5	14095903	.09727	120	58.28	.00373	611.39	.03710	(5)1
464	745.9	12327327	.00727	120	58.04	.00372	611.3D	.63099	(505,
323	577.5	957û873	.00727	120	58.98	.00371	611.30	.03687	(538 <i>)</i>
487	560.6	9331237	•û0727	121	59.50	.00370	611.33	.03673	(47=)
506	1:05.1	26801962	.90727	121	59.88	.00368	1064.30	.66374	(F15)
339	379.9	6351642	.00727	122	60.04	.00368	611.30	აშანა	(497)
257	1746.0	29248558	.00727	122	60.28	.00367	1064.30	.06353	(915)
45û	3226.5	54215264	.00727	122	60.65	.00366	1064.30	.06334	(514)
365	1564.ū	26682168	.00727	124	62.52	.00361	1064.30	.06238	(912)
341	529.0	9067162	.00727	125	63.10	.00359	611.30	.03566	1470,
234	2046.5	35288463	.00727	125	63.85	.00357	1064.30	.06172	915
342	461.5	8330351	.00727	126	64.27	.00356	611.50	.03533	(495
247	779.5	13523666	.00727	126	64.62	.00355	å11.3Û	.03524	(455)
425	295.5	5133198	.00727	126	64.78	.00354	611.30	.03519	(475)
373	3035.7	52972852	.00727	127	65.35	.00352	1064.30	.06099	(708)
268	498.0	8713964	.00727	127	65.70	.00352	611.30	.03494	(454)
461	781.ü	13812733	.00727	129	67.07	.00348	611.30	.03456	(472)
233	12139.6	216122462	.û0727	129	67.92	.00346	1064.30	.05978	(905)
267	726.5	13130877	.00727	131	69.89	.00340	611.30	.03532	(470)
43ú	643.7	11642302	.00727	131	69.98	.00340	611.30	.03380	(490)
465	300.0	ó5171ó6	.00727	132	70.10	.00340	611.30	.03577	(470 <i>)</i>
456	329.5	6018134	.00727	133	71.27	.00337	611.30	.03347	(489)
445	2765.6	50707784	00727	133	71.79	.00335	1064.30	.05805	(900)
265	1854.7	34073587	.00727	134	72.05	.00335	1064.50	.05793	(700) (700)
435	1386.5	25682961	.00727	135	73.16	.00332	1064.50	.05746	(877.)
436	804.7	14945119	.00727	135	73.51	.00331	611.30	.05291	(460†
253	4460.5	82945104	.00727	135	73.6 <sup>R</sup>	.00331	1054.30	.05723	(3:6)
231	1050.2	31601966	.00727	139	77.21	.00322	1964.39	.05573	(244)
421	378.5	7262925	.00727	139	77.97	.00321	511.50	.033 5 .0318a	(=\$2
407	1677.1	32278259	.00727	140	75.41	.00329	1164.30	.05533	1272
47û	2707.4	57472165	.00727	141	79.29	.00318	1064.30	.05495	174 171
410	1624.0	19688813	.00727	141	79.69	.00317	1044.30	.05460	\5 <del>-</del>
37ō	514.5	10000687	.00727	141	79.80	.66516	611.30	.03145	(9° (4 <u>°</u> 1,7
305	ი675.8	130025743	.00727	142	80.09	ە316	1064.39	.05145 .05464	(893)
420	29.0	12260552	.00727	142	80.20	.00316	611.30	.03136	10727 1480}
368	1442.6	28356915	.00727	143	81.40	.00313	1064.30	.05414	(869)
243	486.5	9627717	.ûú727	144	82.36	.00311	ů3,11a	.03089	(475)
446	2343.8	46610250	.00727	145	83.07	.00309	1054.30	.05352	1857
413	1943.û	38690813	.00727	145	83.26	.00309	1064.50	.05345	18201
457	3319.6	66379379	.00727	145	83.86	.00308	1064.30	.05323	(665)
101	1104.5	22376356	.00727	147	<b>85.</b> 77	.00304	1064.30	.05253	(883)
211	706.5	14405468	·00727	148	86.72	.00302	611.30	.02235	(6657 (474)
377	778.Û	16125474	.00727	151	89.17	.00257	611.30	.02779 .02949	1472.
490	2017.0	41954725	.00727	151	69.71	.00295	10c4.30	.02343 .05117	14, 2, 1278)
313	2145.5	45100202	.00727	153	91.54	.00272	1004.30	.03117 .05036	10 07 57a1
440	718.0	15156397	.00727	153	71.95	.00272	611.39	.02000 .02896	
383	5848.6	123846961	.00727	154	72.44	.00271	1964.30	.02570 .03026	(427)
235	478.5	10184310	.00727	155	93.22	.00259	1964.30 611.30		(275)
379	1501.6	33961009	.00727	158	96.59	.00267 .00283	011.30 1004.30	.02872 A.Sea	(455) . :=:::::::::::::::::::::::::::::::::::
356	402.5	8809426	.00727	159	97.61	.00281		.04874 A3785	1870)
			TUVILL	107	77.01	10701	o11.50	.02793	14647



493	1231.5	27330226	.00727	161	99.83	.00277	1064.20	.64796	(203)
443	4120.1	91821236	.00727	162	100.51	.00276	1004.33	₹477±	(865)
584	458.Ū	10224768	.00727	102	100.75	.30276	el1.30	.02738	\4012
455	2273.1	50916359	.00727	163	101.32	.00275	1864.38	.64.752	(E±4)
330	558.Û	12531644	.00727	163	101.70	.00274	6130	.02722	14603
3ÛŸ	1472.5	33118199	.00727	154	102.00	.00273	1064.30		
รีข <u>ี</u> ชี	4897.3		.00727	166	104.49	.00270 .00269	1064.30 1064.30	.04732	1003.
501	14181.7	325760905	.00727	167	105.49	.00268		.04cci	(čeů)
441	941.0	21871724	.00727	169	107.47		1064.30	.04633	(65%)
333	1354.4	31555351	.00727	167 169		.ûû265	611.EÛ	.ມີຂ້ອວີນ	(455)
345	3374.5	78700961	.00727		107.76	.00264	1064.39	.04571	1850)
451	220.0	513.7652	.00727 .00727	170	108.04	.00264	1064.30	.04568	1856/
286	501.0	11701541		17û	108.27	.00263	611.30	.02o1ē	(454)
222	430.0		.00727	170	108.27	.00263	611.3Û	.02617	(454)
222		10130318	.00727	171	109.76	.00261	611.58	.02595	1453)
	537.5	12703674	.00727	172	110.31	.00260	611.30	.02520	1452
278	310.0	7377076	.00727	173	111.49	.00258	611.3Ú	.025a7	(45)
411	248.3	5930241	.00727	174	112.12	.00258	611.30	.025c9	(451)
205	682.0	16342019	.00727	174	112.69	.00257	611.30	.02551	(450)
356	399.5	9711868	.00727	177	115.22	.00253	611.3Ū	.02515	(448)
307	334.0	8127226	.00727	177	115.39	.00253	611.30	.02512	(445)
340	544.Û	13271393	.00727	177	115.85	.00252	611.30	.02506	(447)
469	3265.1	80071787	.00727	178	116.72	.00251	1064.30	.04241	(845)
387	388.0	9717134	.00727	182	120.56	.00246	611.50	.02441	(443)
વંદવ	891.0	22403318	.00727	183	121.29	.00245	611.30	.02451	(442)
415	1100.1	27684377	.00727	183	121.44	.00244	1654.30	.04229	1839)
473	1205.0	30702048	.00727	185	123.72	.00241	1064.30	.04177	
497	7639.6	195279705	.00727	186	124.32	.00241	1004.30	.34164	1657)
229	0595.0	168667464	.00727	186	124.42	.00241	1004.50		(886)
259	43368.5	1110929480	.00727	186	124.72	.00241 .00240		.04161	(885)
322	413.5	10697277	.00727	186	124.78		1064.Su	.04155	(835)
327	710.8	18246068	.00727	187	125.11	.00240	611.30	.02393	1439)
498	371.2	10093058	.00727	188	125.11	.00240	611.30	.02381	1437)
283	177.5	4628351	.69727			.00238	611.50	.02367	(458)
435	559.5	14192675		190	128.06	.06236	all.50	.02344	*450;
363	599.0		.00727	150	128.53	.00235	ali.50	.02539	1433
468 468		15865127	.00727	153	151.04	.00232	611.20	.02508	(-25,
	5591.0	87626757	.00727	193	131.07	.00232	1064.30	.ปีจ์ปีเฮ็	( 52 %
258	ئ. ؤ. ؤ. د	10009438	.00727	195	153.25	.00280	oll.50	.02252	(42)
251	680.2	18322952	.00727	iÿo	134.33	.00228	611.30	.02267	1421
428	3528.9	87728376	.00727	196	134.45	.00228	1064.30	.03549	(223)
457	5627.1	153976395	.00727	199	137.35	.00225	1064.30	.03871	1823/
512	25068.1	796559111	.00727	199	137.71	.00224	1064.30	.03584	(217)
315	1210.5	33323302	.00727	200	138.62	.00223	1054.39	.03826	(5.5)
398	412.5	11411769	.00727	201	139.61	.00222	611.3f	.02219	1425)
41ū	590.7	16547315	.09727	202	149.16	.00222	و11.30	.02294	1425.
376	541.1	15009149	.00727	202	140.15	.00222	611.30	.02204	(425)
312	1123.5	31188521	.00727	202	140.31	.00222	1004.50	.03534	(5)5.
240	461.7	15391946	.09727	202	140.61	.00221	611.50	.02199	(424)
260	520o.8	:44884706	.00727	202	140.79	.30221	1054.50	.03.25	1929)
917	<del>7</del> 72.5	27121665	.00727	203	141.24	.00221	611.50	.02.72	:424,
294	942.5	20555120	.00727	207	145.00	.00221	611.50		
452	4 <u>0</u> 7.5	11708442	.90727	208	146.35	.00215 .00215		.02) 45 85) 58	. <u>42°</u> . 31°
364	900.0	20287915	.00727	212	150.84		611.39 Ali 30	.02139	(4) =
352	1232.5	36033877	.09727	212	151.12	.00211	611.33	.52093	- 415)
486	251.0	7410261	.00727	215	151.12	.00210 .00300	1064.30	.93639	12(3)
		1 410201	100127	213	192.17	.00208	011.30	.02071	रक्ं∔डेंग



433	199.5	5904453	.00727	215	153.65	.00208	611.30	•020a5	(412)
272	547.0	16303704	.00727	217	155.18	.00206	611.30	.02051	(411)
400	794.5	24116570	.00727	221	159.18	.00203	611.30	02014	(407)
4ôû	742.0	22721326	.00727	223	161.11	.00201	o11.30	.01990	(403)
481	375.8	11538558	.00727	223	161.71	.00200	611.30	.01991	(405)
382	1324.0	40663737	.00727	223	161.77	.00200	1064.38	.03465	(790)
252	482.0	14828157	.00727	224	162.14	.00200	611.3ú	.01957	(405)
509	215.5	6639020	.00727	224	162.46	.00200	611.30	.01984	(404)
479	257.5	8011564	.00727	226	164.68	.00198	611.30	.01965	(402)
369	268.0	8402979	.00727	228	166.44	.00196	611.30	.01750	(431)
329	522.4	16406838	.00727	228	166.82	.00196	611.30	.01946	(400)
365	967.6	30396330	.0û727	228	166.87	.00196	611.30	.01946	(400)
412	529.0	16625938	.00727	228	166.98	.00196	611 <b>.</b> 30	.01945	(400)
334	248.5	7832754	.00727	229	167.64	.00195	611.59	.01757	(379)
389	691.5	21804853	.00727	229	167.73	.00195	611.30	.01939	(399)
238	208.5	6589196	.00727	230	168.24	.00195	611.30	.01934	(599;
237	643.0	20389821	.00727	231	169.02	.00194	611.30	.01928	(396)
393	303.0	9611881	.00727	231	169.11	.00194	611.30	.01927	(398)
442	378.1	12033020	.00727	231	169.86	.00193	611.30	.01921	(397)
325	711.5	22685326	.00727	232	170.29	.00193	611.30	.û1917	(397)
458	326.5	10422576	.00727	232	170.56	.00193	611.30	.01915	(397)
405	750.1	24012707	.00727	233	171.22	.00192	611.30	.01910	(394,
400	1102.0	35583300	.0û727	235	173.24	.00190	1064.30	.03296	(776)
495	1072.6	35473062	.00727	236	174.52	.00189	1064.30	.03278	(774)
448	386.5	12565908	.00727	236	174.85	.00189	611.30	.01880	(373/
360	301.0	9793442	.00727	237	175.03	.00189	611.30	.01879	(393)
273	780.0	25426604	.00727	237	175.48	.00189	611.30	.01875	(892)
427	5.5نە	19818703	.00727	238	176.45	.00188	611.30	56810.	(391)
256	333.0	10912236	.00727	238	176.72	.00188	611.30	.û18o5	(391)
311	263.5	8673539	.00727	239	177.79	.00187	611.30	.01857	(390)
239	642.5	21345287	.00727	242	180.02	.00185	611.30	.01540	(388)
418	2288.3	77023974	.00727	245	183.20	.00183	1064.30	.03162	√753,
318	472.5	15939619	.00727	245	183.74	.00152	611.30	.31812	1888
392	470.5	16147636	.00727	247	185.37	.00181	o11.30	.01500	(883)
432	403.5	13792788	.90727	249	187.00	.00180	611.50	.01738	1.362.
102	57ô.Ū	19834212	.û0727	249	187.96	.00179	a11.30	.01781	(351)
212	293.5	6991725	.00727	25û	168.27	.00179	611.30	.01779	(380)
ZŪO	506.0	17447915	.00727	251	189.17	.09178	₀11.30	.01773	1365+
306	560.0	19598346	.00727	254	192.92	.00176	611.30	.01747	(376)
297	415.0	14658970	.00727	255	193.01	.00176	611.30	.01746	(376)
419	384.5	13469387	.00727	255	193.16	.00176	611.30	.01745	(370)
386	288.0	10261054	.00727	259	197.51	.00173	611.30	.01716	(372)
285	202.0	7198490	.00727	259	197.56	.00173	611.30	.01715	(372)
381	251.5	9115444	.00727	263	201.99	.00170	ŏ11.3Ŭ	.01687	(568)
324	168.0	6117627	.00727	265	203.22	.00169	611.30	.01679	(367)
245	319.5	11637231	.00727	265	203.29	.00169	611.3Û	.01678	(367)
426	259.0	9465551	.00727	266	204.18	66100.	o11.30	.01673	(300/
310	510.0	19147276	.00727	270	208.26	.00166	o11.30	.01647	(352)
375	1163.0	43334784	.00727	271	209.38	.00165	1064.30	ە5820.	(751)
423	426.0	15939512	.00727	272	210.51	.00164	611.30	.01534	(350)
355	552.1	20938582	.00727	276	214.21	.00162	611.3Ū	.01012	(356)
282	440.5	17021619	.00727	277	215.39	.00161	611.30	.01605	(355)
279	198.5	7587161	.00727	279	216.37	.00161	611.3Û	.01599	(354)
295	582.5	22748867	.00727	286	224.91	.00156	611.30	.01552	(347)



208         697.5         24312310         .00727         291         227.44         .00154         611.50         .011           431         671.0         27657661         .00727         291         227.50         .00153         611.30         .011           347         378.7         15186857         .00727         292         230.64         .00153         611.30         .011           506         657.1         27173357         .00727         301         255.13         .00149         611.30         .011           537         212.5         .6841247         .00727         302         240.76         .00148         611.30         .011           347         255.5         11987551         .00727         302         240.76         .00145         611.30         .011           471         159.5         .6668503         .00727         313         251.55         .00143         611.30         .011           459         284.0         12266667         .00727         314         252.50         .00142         611.30         .011           241         322.0         14144046         .00727         328         264.29         .00136         611.30         .011										
206         607.5         24312310         .00727         291         .227.50         .00154         611.50         .011           431         671.0         275564         .00727         291         .227.50         .00153         611.50         .01           347         378.7         15186857         .00727         301         .257.13         .00149         611.50         .01           309         637.1         2773357         .00727         302         240.20         .00148         611.30         .01           359         212.5         68641247         .00727         302         240.20         .00148         611.30         .01           347         283.5         11797551         .00727         313         251.55         .00143         611.30         .01           471         159.5         6868503         .00727         313         251.55         .00143         611.30         .01           293         320.5         13817096         .00727         313         251.55         .00142         611.30         .01           347         125.2         .00130         .00143         611.30         .01         .00         .00         .00         .00 <td></td> <td></td> <td></td> <td>.00727</td> <td>287-</td> <td>225.03</td> <td>.00156</td> <td>å11.30</td> <td>.01551</td> <td>(346)</td>				.00727	287-	225.03	.00156	å11.30	.01551	(346)
431 671.0 27759-661 .00727 291 229.50 .00153 611.50 .0153 4347 378.7 15180857 .00727 301 239.13 .00149 411.30 .0153 505 657.1 27173357 .00727 301 239.13 .00149 411.30 .0153 505 671.1 27173357 .00727 302 240.96 .00149 411.30 .0153 507 212.5 8841247 .00727 302 240.96 .00148 411.30 .0154 5357 212.5 8841247 .00727 302 240.96 .00148 411.30 .0154 5447 283.5 11587551 .00727 307 245.95 .00145 611.50 .0014 5471 159.5 6868503 .00727 313 251.95 .00145 611.50 .0114 5471 159.5 6868503 .00727 313 251.91 .00142 611.30 .0114 549 284.0 1282486607 .00727 314 252.50 .00142 611.30 .0114 549 284.0 128248 .00727 314 252.50 .00144 611.30 .0114 549 284.0 128248 .00727 320 256.28 .00140 611.30 .0114 549 284.0 118080733 .00727 328 266.27 .00134 611.30 .0114 541 322.0 14164066 .00727 320 256.28 .00140 611.30 .0114 541 322.0 14164064 .00727 328 266.27 .00134 611.30 .0115 546 247 11875784 .00727 328 266.52 .00134 611.30 .0115 551 285.1 11875784 .00727 328 266.52 .00134 611.30 .0115 552 427 159114 .00727 334 272.51 .00134 611.30 .0115 550 429.0 119710461 .00727 334 272.51 .00134 611.30 .0115 550 429.0 17710461 .00727 334 272.51 .00134 611.30 .0115 551 4250.1 1875784 .00727 342 280.32 .00131 611.30 .0115 552 4250.1 1875784 .00727 342 280.32 .00131 611.30 .0115 553 4250.1 1875784 .00727 342 280.32 .00131 611.30 .0125 553 384.5 18078945 .00727 342 280.32 .00131 611.30 .0125 553 384.5 18078945 .00727 342 280.32 .00131 611.30 .0125 554 255.1 1875856 .00727 342 280.32 .00131 611.30 .0125 555 118.5 178585 .00727 342 280.32 .00131 611.30 .0125 556 352.10 17745571 .00727 349 287.87 .00128 611.30 .0125 557 119.5 18068074 .00727 349 287.87 .00128 611.30 .0125 558 352.10 17745571 .00727 349 287.89 .00121 611.30 .0125 559 119.3 5762856 .00727 341 279.02 .00131 611.30 .0125 551 129.1 129.5 5668097 .00727 342 280.32 .00121 611.30 .0125 551 129.1 129.5 5686097 .00727 349 387.97 .00128 611.30 .0125 551 129.1 129.5 5686097 .00727 373 311.77 .00120 611.30 .00122 551 129.1 129.5 5686097 .00727 374 318.10.00 .00114 611.30 .00122 552 129.2 129.2 129.2 129.2 129.		607.5	24312310	.00727	291	229.44	.00154		.01527	(342)
3787   518-6857   0.0727   292   230,04   .00153   .11,330   .01,330   .05,71   271,3359   .00727   301   235,113   .00149   .011,330   .01,3559   .00727   .00727   .00727   .00224   .004,06   .00148   .011,330   .01,357   .0072		691.0	27659661	.00727	291	229.50	.00154		.01527	(342)
590         657.1         21733579         .00727         301         255.1.3         .00148         .611.30         .91           224         403.4         16741572         .00727         302         240.20         .00148         .611.30         .01           357         212.5         6841247         .00727         302         240.96         .00148         .611.30         .01           347         223.5         11797551         .00727         313         251.51         .00143         .611.30         .01           273         320.5         13817096         .00727         313         251.91         .00143         .611.30         .01           377         284.5         12264609         .00727         317         255.51         .00141         .611.30         .01           278         294.5         12642128         .00727         320         256.28         .00140         .611.30         .01           279         401.0         1809733         .00727         328         264.52         .00136         .611.30         .01           354         265.0         11947694         .00727         328         264.52         .00134         .611.30         .01			15186857	.00727	292	230.04	.00153		.01524	(342)
224         403.4         16741572         .00727         302         240.26         .00148         611.56         .01.5           357         212.5         8841247         .00727         302         240.96         .00148         611.35         .01.5           347         283.5         11797551         .00727         307         245.95         .00143         611.30         .01.7           471         159.5         6868303         .00727         313         251.55         .00143         611.30         .01.7           457         284.0         12226609         .00727         314         252.50         .00142         611.30         .01.7           377         284.5         12462128         .00727         320         255.28         .00140         611.30         .01.3           278         401.0         1808073         .00727         328         266.29         .00136         611.30         .01.3           354         255.0         11710461         .00727         334         272.12         .00134         104.30         .02.2           355         427.0         15710461         .00727         334         272.55         .00132         611.30         .01.2 </td <td></td> <td>657.1</td> <td>27173399</td> <td>.00727</td> <td>301</td> <td>239.13</td> <td>.ūū149</td> <td></td> <td>.01478</td> <td>(333)</td>		657.1	27173399	.00727	301	239.13	.ūū149		.01478	(333)
557         212.5         8841247         .00727         302         249.76         .00148         611.30         .101           471         157.5         .686803         .00727         313         251.55         .00143         .611.30         .011           472         157.5         .686803         .00727         313         251.55         .00143         .611.30         .011           459         284.0         12266609         .00727         314         252.50         .00142         .611.30         .011           377         294.5         12242128         .00727         322         255.51         .00140         .611.30         .011           241         322.0         11464066         .00727         328         266.29         .00136         .611.30         .011           354         265.0         11797894         .09727         328         266.29         .00136         .611.30         .011           467         1232.7         5570307         .00727         334         272.51         .00134         .611.30         .012           284         540.5         25133780         .00727         340         278.69         .00131         .611.30         .012 <td></td> <td>403.4</td> <td>16741572</td> <td>.00727</td> <td>302</td> <td>240.20</td> <td></td> <td></td> <td>.01473</td> <td>(532)</td>		403.4	16741572	.00727	302	240.20			.01473	(532)
347         283.5         1178755         .00727         307         245.95         .00145         611.50         .01           471         157.5         686803         .00727         313         251.55         .00143         .611.30         .01           293         320.5         13817996         .00727         314         252.50         .00142         .611.30         .01           397         294.5         12642128         .00727         317         255.51         .00141         .611.30         .01           278         401.0         16360733         .00727         328         266.22         .00136         .611.30         .01           354         265.0         11967694         .00727         328         266.22         .00136         .611.30         .01           407         1232.7         5657037         .00727         334         272.12         .00134         .611.30         .02           350         425.0         19710461         .00727         334         272.51         .00134         .611.30         .012           284         500.5         25133780         .00727         340         2278.99         .00131         .614.30         .612	359	212.5	8841247	.00727	302				.01469	(352)
471 157.5 6686503 .00727 313 251.55 .00143 611.30 .011 293 320.5 13817096 .00727 314 252.50 .00142 611.30 .011 475 284.0 12266669 .00727 317 255.51 .00141 611.30 .011 577 294.5 12642128 .00727 317 255.51 .00144 611.30 .011 274 322.0 14164066 .00727 320 256.28 .00140 611.30 .011 278 401.0 15050733 .00727 328 266.52 .00136 611.30 .011 278 401.0 15050733 .00727 328 266.52 .00136 611.30 .011 278 401.0 15050733 .00727 328 266.52 .00136 611.30 .011 278 401.0 15050733 .00727 328 266.52 .00136 611.30 .011 278 402 1232.7 56570307 .00727 334 272.51 .00134 1044.30 .022 278 401.0 15050733 .00727 334 272.51 .00134 1044.30 .022 288 504.6 2 5133780 .00727 338 276.55 .00132 611.30 .013 284 540.5 25133780 .00727 338 276.55 .00132 611.30 .013 284 540.5 25133780 .00727 340 278.69 .00131 1044.30 .022 281 504.6 23635372 .00727 341 279.02 .00131 1044.30 .022 282 504.6 23635372 .00727 342 280.32 .00131 1044.30 .012 283 384.5 18078945 .00727 342 280.32 .00131 611.30 .013 255 152.5 7198536 .00727 343 281.66 .00130 611.30 .013 257 502.0 3909555 .00727 343 281.66 .00130 611.30 .013 258 532.5 16740246 .00727 349 287.87 .00128 611.30 .012 278 502.0 3909555 .00727 345 293.79 .00128 611.30 .012 279 141.5 6618397 .00727 349 287.87 .00128 611.30 .012 270 141.5 6618397 .00727 350 288.81 .00128 611.30 .012 271 120.5 10660076 .00727 351 289.15 .00128 611.30 .012 272 130.5 1745571 .00727 352 389.50 .00127 611.30 .012 273 120.0 1745571 .00727 352 389.90 .00121 611.30 .012 274 147.5 7045040 .00727 369 307.38 .00121 611.30 .012 275 117.3 5762856 .00727 373 311.77 .00120 511.30 .011 276 407.5 50.5 10645147 .00727 378 316.85 .00111 611.30 .011 271 147.5 7456940 .00727 378 316.85 .00111 611.30 .011 271 147.5 7456940 .00727 378 316.85 .00111 611.30 .011 271 147.5 7456940 .00727 379 389.80 .00111 611.30 .011 271 147.5 7456940 .00727 378 316.85 .00111 611.30 .011 271 147.5 7456940 .00727 378 316.85 .00118 611.30 .011 271 147.5 7456940 .00727 378 316.85 .00118 611.30 .011 271 147.5 7456940 .00727 440 386.86 .00104 611.30 .0013 381 224.0 11899552 .00727 440	349	283.5	11989551	.00727	307				.01445	(327)
293         320.5         13817976         .00727         313         251.91         .00143         611.30         .011           459         284.0         12266607         .00727         314         252.50         .00142         611.30         .011           577         294.5         122642128         .00727         320         258.28         .00140         611.30         .012           241         322.0         14164066         .00727         328         266.29         .00136         611.30         .013           354         255.0         119678784         .00727         328         266.52         .00136         611.30         .013           407         1232.7         56570507         .00727         334         272.12         .00134         1044.30         .022           350         427.0         17710461         .00727         334         272.51         .00134         611.30         .013           331         1098.7         51415011         .00727         340         278.89         .00131         1044.30         .022           281         504.6         23635572         .00727         341         279.02         .00131         611.30         .013 </td <td>471</td> <td>159.5</td> <td>6868303</td> <td>.00727</td> <td></td> <td></td> <td></td> <td></td> <td>.01420</td> <td>(322)</td>	471	159.5	6868303	.00727					.01420	(322)
459	293	320.5	13817096						.01418	(322)
397         294,5         12642128         .00727         317         255,51         .00141         611,30         .014           241         322,0         1144046         .00727         320         258,28         .00140         611,30         .013           278         401.0         15050733         .00727         328         266,52         .00136         611,30         .013           354         265.0         11967694         .00727         334         272,12         .00134         1044,30         .022           350         429.0         19710461         .00727         334         272,12         .00134         1044,30         .022           284         540.5         25133780         .00727         334         272,51         .00131         1044,30         .022           281         504.6         25455372         .00727         340         278,69         .00131         1044,30         .022           281         504.6         25455372         .00727         341         279,02         .00131         614,30         .012           281         504.6         25455372         .00727         341         280,29         .00131         614,30         .012	459	284.0	12266609						.01415	(321)
241         522.0         14164066         .00727         320         258.28         .00140         611.30         .012           278         401.0         18080733         .00727         328         266.52         .00136         611.30         .013           354         265.0         119767594         .00727         328         266.52         .00136         611.30         .013           407         1232.7         56570307         .00727         334         272.12         .00134         1044.30         .023           550         427.0         19710461         .00727         334         272.51         .00134         611.30         .013           331         1098.7         51415011         .00727         340         278.69         .00131         614.43         .022           281         504.6         23485372         .00727         341         279.02         .00131         611.30         .013           4555         152.5         719855         .00727         342         280.32         .00131         611.30         .012           554         902.0         3990955         .00727         349         287.67         .00128         611.30         .012	397	294.5							.01402	(318)
278         491.0         18080733         .00727         328         265.2         .00136         .011.30         .011           354         265.0         111967894         .00727         328         266.62         .00136         .611.30         .611           467         1232.7         56570307         .00727         334         272.12         .00134         .104.30         .612           350         427.0         19710461         .00727         334         272.51         .00134         .611.30         .613           381         1098.7         51413011         .00727         340         278.69         .00131         .611.30         .613           381         1098.7         51413011         .00727         341         279.02         .00131         .611.30         .013           2281         504.6         2335372         .00727         341         279.02         .00131         .611.30         .012           455         152.5         7198536         .00727         342         280.32         .00131         .611.30         .012           454         922.6         39399055         .00727         345         282.79         .00123         .611.30         .	241	322.0							.01570	(316)
354         265.0         11967894         .00727         328         266.52         .00136         611.30         .012           467         1232.7         55670307         .00727         334         272.12         .00134         1064.30         .023           350         429.0         19710461         .00727         334         272.51         .00134         611.30         .012           284         540.5         25133780         .00727         338         276.55         .00132         611.30         .013           331         1098.7         51418011         .00727         340         278.69         .00131         1044.30         .022           281         504.6         23635372         .00727         342         280.32         .00131         611.30         .013           455         152.5         7198536         .00727         342         280.32         .00130         611.30         .012           551         502.3         38959655         .00727         343         281.66         .00130         611.30         .012           570         141.5         6818389         .00727         350         288.81         .00128         611.30         .012										
407   1232.7   56570507   .00727   334   272.12   .00134   1044.30   .0023   .0033   .0023   .0033   .0023   .0033   .0023   .0033										(308)
350   429.0   19710461   .00727   334   272.51   .00154   .011.30   .011.30   .011.30   .011.30   .013.31   .00727   .										1308/
284         540.5         25133780         .00727         338         276.55         .00132         611.30         .011.33           331         1098.7         51413011         .00727         340         278.69         .00131         1064.30         .022           281         504.6         23635372         .00727         341         279.02         .00131         611.30         .013           455         152.5         7198536         .00727         343         281.66         .00130         611.30         .012           558         352.5         16940246         .00727         349         287.87         .00128         611.30         .012           570         141.5         6818397         .00727         350         288.81         .00128         611.30         .012           275         119.3         5762856         .00727         351         289.15         .00128         611.30         .012           275         119.3         5762856         .00727         351         289.15         .00128         611.30         .012           275         119.3         .00727         351         289.15         .00126         611.30         .012										(654
331 1098.7 51413011 .00727 340 278.69 .00131 1064.50 .022 281 504.6 23635372 .00727 341 279.02 .00131 611.30 .013 223 384.5 18078945 .00727 342 260.32 .00131 611.30 .013 455 152.5 7178556 .00727 343 281.66 .00130 611.30 .012 254 502.0 3909956 .00727 345 283.79 .00128 611.30 .012 258 352.5 16740246 .00727 349 287.87 .00128 611.30 .012 279 119.3 5762856 .00727 350 288.81 .00128 611.30 .012 279 119.3 5762856 .00727 351 289.15 .00128 611.30 .012 275 119.3 5762856 .00727 351 289.52 .00127 611.30 .012 275 119.3 5762856 .00727 351 289.52 .00127 611.30 .012 275 119.3 5762856 .00727 352 288.81 .00128 611.30 .012 275 119.3 5762856 .00727 354 292.61 .00126 611.30 .012 275 119.3 5762856 .00727 362 300.42 .00124 611.30 .012 275 119.3 5762856 .00727 362 300.42 .00124 611.30 .012 275 119.3 5762856 .00727 369 307.37 .00121 611.30 .012 275 119.3 5762856 .00727 369 307.38 .00121 611.30 .012 275 119.5 10680676 .00727 369 307.38 .00121 611.30 .012 272 210.5 10680676 .00727 370 308.90 .00121 611.30 .012 272 210.5 10650676 .00727 370 308.90 .00121 611.30 .012 272 210.5 10759041 .00727 372 310.07 .00120 611.30 .012 272 210.5 10759041 .00727 373 311.77 .00120 611.30 .011 274 475.5 24746636 .00727 373 311.77 .00120 611.30 .011 274 475.5 24746636 .00727 373 316.85 .00118 611.30 .011 275 1172.5 8566507 .00727 378 316.85 .00118 611.30 .011 276 489.0 26603844 .00727 378 316.85 .00118 611.30 .011 277 486.0 21274100 .00727 378 316.85 .00118 611.30 .011 278 489.0 26603844 .00727 378 316.85 .00118 611.30 .0111 279 234.0 11987552 .00727 374 315.17 .00120 611.30 .0111 270 489.0 26603844 .00727 376 334.69 .00111 611.30 .0111 271 406.0 21274100 .00727 374 315.75 .00111 611.30 .0111 271 406.0 21274100 .00727 374 315.75 .00111 611.30 .0111 271 406.0 21274100 .00727 440 378.10 .00104 611.30 .0111 270 489.0 26603844 .00727 463 341.54 .00111 611.30 .0111 271 475.5 5866507 .00727 478 378 378.00090 .00104 611.30 .00104 271 475.5 1492110 .00727 440 378.10 .00104 611.30 .00111 271 475.5 1492110 .00727 440 378.10 .00104 611.30 .00104 275 1275 12755880 .0072										(393)
281         504.6         23635372         .00727         341         279.02         .00131         611.30         .013           223         384.5         18078945         .00727         342         280.32         .00131         611.30         .013           455         152.5         7198536         .00727         343         281.66         .00130         611.30         .012           588         352.5         16740246         .00727         349         287.87         .00128         611.30         .012           370         141.5         6818399         .00727         351         289.15         .00128         611.30         .012           275         119.3         5762856         .00727         351         289.15         .00128         611.30         .012           403         352.0         17145671         .00727         354         292.61         .00126         611.30         .012           402         430.0         21407373         .00727         362         300.42         .00124         4611.30         .012           471         216.5         10680676         .00727         369         307.37         .00121         611.30         .012									.01315	(299)
223         384.5         18078945         .00727         342         280.32         .00130         611.30         .012           455         152.5         7198536         .00727         343         281.66         .00130         611.30         .012           254         802.0         38999956         .00727         345         282.79         .00128         611.30         .012           380         352.5         16740246         .00727         350         288.81         .00128         611.30         .012           390         141.5         6818397         .00727         351         289.15         .00128         611.30         .012           275         119.3         5762856         .00727         351         289.15         .00128         611.30         .012           403         352.0         17145671         .00727         354         292.61         .00126         611.30         .012           403         352.0         17145671         .00727         362         300.42         .00124         611.30         .012           422         430.0         11873430         .00727         369         307.37         .00121         611.30         .012     <									.02274	(640)
455 152.5 7198536 .00727 343 281.66 .00130 411.30 .012 254 802.0 38090955 .00727 345 293.79 .00120 411.30 .012 588 352.5 16740246 .00727 349 287.87 .00128 611.30 .012 370 141.5 6818399 .00727 350 288.81 .00128 611.30 .012 275 119.3 5762856 .00727 351 289.15 .00128 611.30 .012 275 119.3 5762856 .00727 351 289.52 .00127 411.30 .012 275 119.3 5762856 .00727 351 289.52 .00127 411.30 .012 275 119.3 5762856 .00727 354 292.61 .00126 611.30 .012 275 119.3 5762856 .00727 354 292.61 .00126 611.30 .012 275 119.3 5762856 .00727 369 307.37 .00121 611.30 .012 275 119.3 5762856 .00727 369 307.37 .00121 611.30 .012 275 119.3 5762856 .00727 369 307.37 .00121 611.30 .012 275 119.3 5762856 .00727 369 307.38 .00121 611.30 .012 275 119.5 10680676 .00727 369 307.38 .00121 611.30 .012 275 119.5 10680676 .00727 370 308.90 .00121 611.30 .012 276 234.0 11873430 .00727 373 308.90 .00121 611.30 .012 277 280.0 10757041 .00727 373 311.77 .00120 611.30 .012 278 279 270.5 10757041 .00727 373 311.77 .00120 611.30 .011 279 172.5 586507 .00727 378 516.00 .00118 611.30 .011 271 406.0 21274100 .00727 378 516.00 .00118 611.30 .011 271 406.0 21274100 .00727 378 316.85 .00118 611.30 .011 271 406.0 21274100 .00727 379 334.01 .00117 611.30 .011 271 406.0 21274100 .00727 379 334.01 .00113 611.30 .011 271 406.0 21274100 .00727 379 334.01 .00113 611.30 .0111 271 407.5 745040 .00727 376 334.01 .00113 611.30 .0111 271 407.5 745040 .00727 376 334.01 .00113 611.30 .0111 271 407.5 745040 .00727 376 334.01 .00113 611.30 .0111 271 407.5 745040 .00727 401 337.85 .00111 611.30 .0111 271 407.5 745040 .00727 403 334.01 .00113 611.30 .0111 271 407.5 745040 .00727 403 334.01 .00100 611.30 .0111 271 407.5 745040 .00727 403 334.01 .00100 611.30 .00101 271 407.5 1758580 .00727 403 334.01 .00100 611.30 .00101 271 407.5 1758589 .00727 403 349.50 .00000 611.30 .00001 272 407 407 207 407 307.00000 611.30 .00000 611.30 .000000000000000000000000000000000									.01305	(297)
254         802.0         3896955         .09727         345         283.79         .00120         411.50         .012           388         352.5         16740246         .00727         349         287.87         .00128         611.30         .012           370         141.5         6818397         .00727         350         288.81         .00128         611.30         .012           213         128.0         6173979         .00727         351         289.15         .00128         611.30         .012           275         119.3         5762856         .00727         351         289.52         .00127         611.30         .012           403         352.0         17145571         .00727         354         292.61         .00126         611.30         .012           422         430.0         21407373         .00727         369         307.37         .00121         611.30         .012           371         216.5         10680-76         .00727         369         307.38         .00121         611.30         .012           492         234.0         11873430         .00727         370         308.90         .00121         611.30         .012 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>.01360</td> <td>(295)</td>									.01360	(295)
588         352.5         16740246         .00727         349         287.67         .00128         611.30         .012           370         141.5         6818399         .00727         350         288.81         .00128         611.30         .012           213         128.0         61739779         .00727         351         289.15         .00128         611.30         .012           295         119.3         5762856         .00727         351         289.15         .00127         461.30         .012           403         552.0         17145671         .00727         354         292.61         .00126         611.30         .012           422         490.0         21407373         .00727         362         300.42         .00124         611.30         .012           371         210.5         10680c76         .00727         369         307.37         .00121         611.30         .012           492         234.0         11873450         .00727         370         308.90         .00121         611.30         .012           492         210.5         10759041         .00727         372         310.07         .00120         611.30         .011									.01295	(294)
390         141.5         6818399         .00727         350         288.81         .00128         611.30         .012           213         128.0         6173979         .00727         351         289.15         .00128         611.30         .012           275         119.3         5762856         .00727         351         289.15         .00127         611.30         .012           403         352.0         17145671         .00727         354         292.61         .00126         611.30         .012           422         430.0         21407373         .00727         362         300.42         .00124         611.30         .012           492         234.0         11873430         .00727         369         307.37         .00121         611.30         .012           316         142.5         7260366         .00727         370         308.90         .00121         611.50         .011           467         563.0         28907353         .00727         372         310.07         .00120         611.50         .011           467         563.0         28907353         .00727         373         311.77         .00120         611.50         .011 </td <td></td> <td></td> <td> <del>-</del></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>.01297</td> <td>4.2920</td>			<del>-</del>						.01297	4.2920
213         128.0         6173977         .00727         351         289.15         .00128         .011.30         .012           275         119.3         5762856         .00727         351         289.52         .00127         .611.30         .012           403         352.0         17145671         .00727         354         292.61         .00126         .611.30         .012           422         430.0         21407373         .00727         362         300.42         .00124         .611.30         .012           492         234.0         11873450         .00727         369         307.37         .00121         .611.50         .012           316         142.5         7260366         .00727         370         308.90         .00121         .611.50         .011           4e7         563.0         28907353         .00727         372         310.07         .00120         .611.50         .011           4e7         563.0         28907353         .00727         374         312.17         .00120         .011.50         .011           4e7         563.0         28907353         .00727         373         316.00         .0018         e11.50         .011 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>.01272</td> <td>(298)</td>									.01272	(298)
275         119.3         5762856         .00727         351         289.52         .00127         611.30         .012           403         352.0         17145671         .00727         354         292.61         .00126         611.30         .012           422         430.0         21407373         .00727         362         300.42         .00124         611.30         .012           371         216.5         1080676         .00727         369         307.37         .00121         611.30         .012           492         234.0         11873430         .00727         369         307.38         .00121         611.50         .012           316         142.5         7260366         .00727         370         308.90         .00121         611.50         .012           292         210.5         10759041         .00727         372         310.07         .00120         611.50         .011           467         563.0         28907353         .00727         374         312.17         .00120         611.30         .011           221         172.5         5866507         .00727         378         316.00         .00118         611.30         .011 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>.01269</td> <td>12873</td>									.01269	12873
403         352.0         17145671         .00727         354         292.61         .00126         611.30         .612           422         430.0         21407373         .00727         362         300.42         .00124         611.30         .012           371         216.5         10680676         .00727         369         307.37         .00121         611.30         .012           492         234.0         11873430         .00727         369         307.38         .00121         611.30         .012           316         142.5         7260366         .00727         370         308.90         .00121         611.30         .012           292         210.5         10759041         .00727         372         319.07         .00120         611.30         .011           467         565.0         28907353         .00727         373         311.77         .00120         611.30         .011           221         172.5         5866507         .00727         374         312.17         .00120         611.30         .011           271         406.0         21274100         .00727         378         316.00         .00118         611.30         .011									•Ū1 Zo?	1,2677
422         430.0         21497373         .00727         362         300.42         .00124         611.30         .012           371         210.5         10680676         .00727         369         307.37         .00121         611.33         .012           492         234.0         11873430         .00727         369         307.38         .00121         611.30         .012           316         142.5         7260366         .00727         370         308.90         .00121         611.30         .012           292         210.5         10757941         .00727         372         319.07         .00120         611.30         .011           467         563.0         28797353         .00727         373         311.77         .00120         611.30         .011           221         172.5         5866507         .00727         374         315.17         .00120         611.30         .011           221         172.5         5866507         .00727         378         316.00         .00118         611.30         .011           274         475.5         24746636         .00727         378         316.85         .00118         611.30         .011     <									.01200	(287)
371         210.5         10680676         .00727         369         307.37         .00121         611.39         .012           492         234.0         11873430         .00727         369         307.38         .00121         611.30         .012           316         142.5         7260366         .00727         370         308.90         .00121         611.30         .012           292         210.5         10759041         .00727         372         310.07         .00120         611.30         .011           467         563.0         28907353         .00727         373         311.77         .00120         611.30         .011           221         172.5         5866507         .00727         374         312.17         .00120         611.30         .011           274         475.5         24746636         .00727         378         516.00         .00118         611.30         .011           274         475.5         24746636         .00727         378         316.85         .00118         611.30         .011           271         406.0         21274100         .00727         392         330.09         .00114         611.30         .011									.61255	(264)
492         234.0         11873430         .00727         369         307.38         .00121         611.30         .012           316         142.5         7260366         .00727         370         308.90         .00121         c11.30         .012           292         210.5         10759041         .00727         372         319.07         .00120         611.50         .011           467         563.0         28907353         .00727         373         311.77         .00120         611.30         .011           221         172.5         5866507         .00727         374         312.17         .00120         611.30         .011           274         475.5         24746636         .00727         378         516.00         .00118         611.30         .011           271         406.0         21274100         .00727         381         319.43         .00117         611.39         .011           271         496.0         21274400         .00727         392         330.09         .00114         611.30         .011           477         220.0         11989552         .00727         396         334.01         .00113         611.30         .011									.01226	(277)
316         142.5         7260366         .00727         370         308.70         .00121         e11.50         .012           292         210.5         10757041         .00727         372         310.07         .00120         611.50         .011           467         563.0         28907353         .00727         373         311.77         .00120         611.30         .011           221         172.5         5866507         .00727         374         312.17         .00120         611.30         .011           104         205.0         10645149         .00727         378         516.00         .00118         e11.30         .011           274         475.5         24746636         .00727         378         316.85         .00118         611.50         .011           271         406.0         21274100         .00727         381         319.43         .00117         611.30         .011           270         489.0         26603844         .00727         396         334.01         .00113         611.30         .011           477         220.0         11989552         .00727         401         339.88         .00111         611.30         .011								611.33	.01205	(270)
292         210.5         10759041         .00727         372         310.07         .00120         611.50         .011           467         563.0         25907358         .00727         373         311.77         .00120         511.30         .011           221         172.5         5866507         .00727         374         312.17         .00120         611.30         .011           104         205.0         10645149         .00727         378         316.00         .00118         611.30         .011           274         475.5         24746636         .00727         378         316.85         .00118         611.30         .011           271         406.0         21274100         .00727         381         319.43         .00117         611.30         .011           271         406.0         21274100         .00727         392         330.09         .00114         611.30         .011           270         489.0         26603844         .00727         396         334.01         .00113         611.30         .011           477         220.0         11989552         .00727         401         339.88         .00111         611.30         .011									.01205	(279)
467         563.0         28907353         .00727         373         311.77         .00120         511.36         .011           221         172.5         5866507         .00727         374         312.17         .00120         611.36         .011           104         205.0         10645149         .00727         378         316.00         .00118         611.30         .011           274         475.5         24746636         .00727         378         316.85         .00118         611.30         .011           271         406.0         21274100         .00727         381         319.43         .00117         611.39         .0116           271         406.0         21274100         .00727         392         330.09         .00114         611.30         .0117           271         489.0         26603844         .00727         396         334.01         .00113         611.30         .0117           477         220.0         11989552         .00727         490         334.69         .00113         611.30         .0117           482         367.0         2034658         .00727         401         339.88         .00111         611.30         .0116								ell.30	.01200	(265)
221         17Z.5         5866507         .00727         374         312.17         .00120         .011.59         .011.50           104         205.0         10645149         .00727         378         316.00         .00118         .011.30         .011           274         475.5         24746636         .00727         373         316.85         .00118         .011.30         .011           271         406.0         21274100         .00727         381         319.43         .00117         .011.39         .011           271         147.5         7945040         .00727         392         330.09         .00114         .011.30         .011           270         489.0         26603844         .00727         396         334.01         .00113         .011.30         .011           477         220.0         11989552         .00727         396         334.69         .00113         .011.30         .011           482         367.0         2034658         .00727         401         339.88         .00111         .011.30         .011           483         353.8         20919817         .00727         430         368.36         .00104         .011.30         .01						310.07	.00120	611.30	د؟!!ū.	(255)
104         205.0         10645149         .00727         378         516.00         .00118         e11.30         .011           274         475.5         24746636         .00727         378         316.85         .00118         611.30         .011           271         406.0         21274100         .00727         381         319.43         .00117         611.30         .011           271         147.5         7945040         .00727         392         330.09         .00114         611.30         .011           270         489.0         26603844         .00727         396         334.01         .00113         611.30         .011           477         220.0         11989552         .00727         396         334.69         .00113         611.30         .011           511         234.0         12919652         .00727         401         339.88         .00111         611.30         .011           482         367.0         20340568         .00727         403         341.54         .00111         611.30         .010           438         353.8         20919817         .00727         430         368.36         .00104         611.30         .010							•90120	511.3€	.01171	(255)
274         475.5         24746636         .00727         378         316.85         .00118         611.30         .011           271         406.0         21274100         .00727         381         319.43         .00117         611.39         .011           291         147.5         7945040         .00727         392         330.09         .00114         611.30         .011           270         487.0         26603844         .00727         396         334.01         .00113         611.30         .011           477         220.0         11989552         .00727         396         334.69         .00113         611.30         .011           511         234.0         12919652         .00727         401         339.88         .00111         611.30         .011           482         367.0         2034658         .00727         403         341.54         .00111         611.30         .010           438         353.8         20919817         .00727         430         368.36         .00104         611.30         .010           302         204.5         12492110         .00727         440         378.10         .00102         611.30         .010						312.17	.09120	o11.59	.01189	1200
274       475.5       24746636       .00727       378       316.85       .00118       611.50       .011.         271       406.0       21274100       .00727       381       319.43       .00117       611.59       .0116         291       147.5       7945040       .00727       392       330.09       .00114       611.30       .0117         270       489.0       26603844       .00727       396       334.01       .00113       611.30       .0117         477       220.0       11989552       .00727       396       334.69       .00113       611.30       .0117         511       234.0       12919652       .00727       401       339.88       .00111       611.30       .0110         482       367.0       20345568       .00727       403       341.54       .00111       611.30       .0104         438       353.8       20919817       .00727       430       368.36       .00104       611.30       .0103         326       227.5       13756829       .00727       440       378.10       .00102       611.30       .0103         302       204.5       12492110       .00727       444       382.59				.00727	378	ā16.ŪO	.00118	el1.30	.01177	(282.
271         406.0         21274100         .00727         381         319.43         .00117         611.39         .0116           291         147.5         7945040         .00727         392         330.09         .00114         611.30         .0115           270         487.0         26603844         .00727         396         334.01         .00113         611.30         .0117           477         220.0         11989552         .00727         396         334.69         .00113         611.30         .0117           511         234.0         12919652         .00727         401         339.88         .00111         611.30         .0116           482         367.0         20346568         .00727         403         341.54         .00111         611.30         .0116           438         353.8         20919817         .00727         430         368.36         .00104         611.30         .0103           326         227.5         13756829         .00727         440         378.10         .00102         611.30         .0103           302         204.5         12492110         .00727         444         382.59         .00101         611.30         .0099				.00727	378	316.85	.00118			1262:
291       147.5       7945040       .00727       392       330.09       .00114       611.30       .011.20         270       487.0       26603844       .00727       396       334.01       .00113       611.30       .011.20         477       220.0       11989552       .00727       396       334.69       .00113       611.30       .011.20         511       234.0       12919652       .00727       401       339.88       .00111       611.30       .011.20         482       367.0       20346568       .00727       403       341.54       .00111       611.30       .011.30         438       353.8       20919817       .00727       430       368.36       .00104       611.30       .010.30         326       227.5       13756829       .00727       440       378.10       .00102       611.30       .010.30         302       204.5       12492110       .00727       444       382.59       .00101       611.30       .010.00         483       560.0       34398913       .00727       447       385.06       .00100       611.30       .0093         317       73.5       4578580       .00727       453 <t< td=""><td></td><td></td><td></td><td>.00727</td><td>381</td><td>319.43</td><td>.00117</td><td></td><td></td><td>(257)</td></t<>				.00727	381	319.43	.00117			(257)
270         489.0         26603844         .00727         396         334.01         .00113         .011.30         .011.4           477         220.0         11989552         .00727         396         334.69         .00113         .011.30         .011.5           511         234.0         12919652         .00727         401         339.88         .00111         .011.30         .011.6           482         367.0         20346568         .00727         403         341.54         .00111         .011.30         .011.6           438         353.8         20919817         .00727         430         368.36         .00104         .011.30         .0103           326         227.5         13756829         .00727         440         378.10         .00102         .011.30         .0103           302         204.5         12492110         .00727         444         382.59         .00101         .011.30         .0106           483         560.0         34398913         .00727         447         385.06         .00100         .011.30         .0098           225         169.0         10773754         .00727         453         391.39         .00097         .011.30			7945040	.00727	392	330.09	.00114		.01135	(247)
477       220.0       11989552       .00727       396       334.69       .00113       611.30       .0115         511       234.0       12919652       .00727       401       339.88       .00111       611.30       .0116         482       367.0       20346568       .00727       403       341.54       .00111       611.30       .0116         438       353.8       20919817       .00727       430       368.36       .00104       611.30       .0103         326       227.5       13756829       .00727       440       378.10       .00102       611.30       .0103         302       204.5       12492110       .00727       444       382.59       .00101       611.30       .0100         483       560.0       34398913       .00727       447       385.06       .00100       611.30       .0095         317       73.5       4578580       .00727       453       391.39       .00097       611.30       .0098         225       169.0       10773754       .00727       463       401.95       .00096       611.30       .0093         314       149.5       10055999       .00727       476       414.10		487.Ü	26603844	.00727	396	334.01	.00113		.01124	(246)
511       234.0       12919652       .00727       401       339.88       .00111       611.30       .0116         482       367.0       20345568       .00727       403       341.54       .00111       611.30       .0116         438       353.8       20919817       .00727       430       368.36       .00104       611.30       .0103         326       227.5       13756829       .00727       440       378.10       .00102       611.30       .0103         302       204.5       12492110       .00727       444       382.59       .00101       611.30       .0106         483       560.0       34398913       .00727       447       385.06       .00100       611.30       .0095         317       73.5       4578580       .00727       453       391.39       .00097       611.30       .0096         225       169.0       10773754       .00727       463       401.95       .00096       611.30       .0093         314       149.5       10055999       .00727       476       414.10       .00094       611.30       .0093         303       322.5       21912017       .00727       494       432.44			11989552	•00727	396	334.69			.01122	1245/
482       367.0       20346568       .00727       403       341.54       .00111       611.30       .0114         438       353.8       20919817       .00727       430       368.36       .00104       611.30       .0103         326       227.5       13756829       .00727       440       378.10       .00102       611.30       .0101         302       204.5       12492110       .00727       444       382.59       .00101       611.30       .0106         483       560.0       34398913       .00727       447       385.06       .00100       611.30       .0093         317       73.5       4578580       .00727       453       391.39       .00097       611.30       .0093         225       169.0       10773754       .00727       463       401.95       .00096       611.30       .0093         444       386.0       25252713       .00727       476       414.10       .00094       611.30       .0093         314       149.5       10055999       .00727       489       427.50       .00091       611.30       .0096         303       322.5       21912017       .00727       494       432.44		234.0	12919652	.00727	401				.01107	(240)
438       353.8       20919817       .00727       430       368.36       .00104       611.30       .0103         326       227.5       13756829       .00727       440       378.10       .00102       611.30       .0101         302       204.5       12492110       .00727       444       382.59       .00101       611.30       .0106         483       560.0       34398913       .00727       447       385.06       .00100       611.30       .0093         317       73.5       4578580       .00727       453       391.39       .00097       611.30       .0098         225       169.0       10773754       .00727       463       401.95       .00096       611.30       .0093         444       386.0       25252713       .00727       476       414.10       .00094       611.30       .0093         314       149.5       10055999       .00727       489       427.50       .00091       611.30       .0090         303       322.5       21912017       .00727       494       432.44       .00091       611.30       .0089         280       124.0       8466891       .00727       496       434.90	482	367.Ū	20345568	.00727	4û3				.01103	(257)
326       227.5       13756829       .00727       440       378.10       .00102       611.30       .0101         302       204.5       12492110       .00727       444       382.59       .00101       611.30       .0100         483       560.0       34398913       .00727       447       385.06       .00100       611.30       .0093         317       73.5       4578580       .00727       453       391.39       .00097       611.30       .0093         225       169.0       10773754       .00727       463       401.95       .00096       611.30       .0034         444       386.0       25252713       .00727       476       414.10       .00094       611.30       .0093         314       149.5       10055999       .00727       439       427.50       .00091       611.30       .0090         303       322.5       21912017       .00727       494       432.44       .00091       611.30       .0089         280       124.0       8466891       .00727       496       434.90       .00090       611.30       .0089	438	353.8	20919817	.00727	430				.01034	(2:4)
302         204.5         12492110         .00727         444         382.59         .00101         611.30         .0100           483         560.0         34398913         .00727         447         385.06         .00100         611.30         .0099           317         73.5         4578580         .06727         453         391.39         .00097         611.30         .0098           225         169.0         10773754         .00727         463         401.95         .00096         611.30         .0093           444         386.0         25252713         .00727         476         414.10         .00094         611.30         .0093           314         149.5         10055999         .00727         489         427.50         .00091         611.30         .5090           303         322.5         21912017         .00727         494         432.44         .00091         611.30         .0089           280         124.0         8466891         .00727         496         434.90         .00090         611.30         .0089	326	227.5	13756829							(205)
483       560.0       34398913       .00727       447       385.06       .00100       611.30       .0099         317       73.5       4578580       .00727       453       391.39       .00097       611.30       .0098         225       169.0       10773754       .00727       463       401.95       .00096       611.30       .0098         444       386.0       25252713       .00727       476       414.10       .00094       611.30       .0093         314       149.5       10055999       .00727       489       427.50       .00091       611.30       .5090         303       322.5       21912017       .00727       494       432.44       .00091       611.30       .0099         280       124.0       8466891       .00727       496       434.90       .00090       611.30       .0085	302	204.5								(201)
317 73.5 4578580 .00727 453 391.39 .00097 611.30 .0098 225 169.0 10773754 .00727 463 401.95 .00096 611.30 .0098 444 356.0 25252713 .00727 476 414.10 .00094 611.30 .0093 314 149.5 10055999 .00727 489 427.50 .00091 611.30 .0090 303 322.5 21912017 .00727 494 432.44 .00091 611.30 .0090 280 124.0 8466891 .00727 496 434.90 .00090 611.30 .0089	483	560.0	34398913							(199)
225       169.0       10773754       .00727       463       401.95       .00096       611.30       .00754         444       386.0       25252713       .00727       476       414.10       .00094       611.30       .0093         314       149.5       10055999       .00727       489       427.50       .00091       611.30       .5090         303       322.5       21912017       .00727       494       432.44       .00091       611.30       .0090         280       124.0       8466891       .00727       496       434.90       .00090       611.30       .0085	317									
444       386.0       25252713       .00727       476       414.10       .00094       .611.50       .0093         314       149.5       10055999       .00727       489       427.50       .00091       .611.30       .5090         303       322.5       21912017       .00727       494       432.44       .00091       .611.30       .0089         280       124.0       8466891       .00727       496       434.90       .00090       .611.30       .0089										(193) (183)
314 149.5 10055999 .00727 489 427.50 .00091 611.30 .5090 303 322.5 21912017 .00727 494 432.44 .00091 611.30 .0090 280 124.0 8466891 .00727 496 434.90 .00090 611.30 .0089										
303 322.5 21912017 .00727 494 432.44 .00091 611.30 .0090 280 124.0 8466891 .00727 496 434.90 .00090 611.30 .0089										(172)
280 124.0 8466891 .00727 496 434.90 .00090 611.30 .0089										(157)
707 (57 6 107										(155)
										(152)
		10	10311140	100171	JUJ	10.175	•00007	011.30	•00004	(147)



255	314.0	21866431	.00727	506	444.76	.00088	611.30	.00878	(143)
354	222.5	15509823	.00727	507	445.26	.00088	611.39	.00677	(143)
227	243.5	17112382	.00727	511	449.40	.00088	611.30	.00870	(139)
476	152.0	10699755	.00727	512	450.25	.00087	611.39	.00568	(138)
103	225.5	16082626	.00727	518	456.99	.00086	611.50	.06657	(132)
219	203.5	14774257	.00727	528	466.30	.00085	all.30	.00842	(125)
395	364.0	26653509	.00727	532	470.83	.00084	611.30	.00835	(119)
300	420.5	31364357	.00727	542	480.75	.00082	611.30	.00820	(110)
242	108.5	8207005	.00727	550	488.40	.00081	611.30	.00808	(103)
218	596.0	45462536	.00727	555	493.04	.00081	611.30	.00391	(99)
228	139.ŭ	10641709	.00727	557	495.07	.00080	611.30	.00798	(57)
304	123.5	9767700	.00727	575	513.48	.00078	611.30	.09773	(80)
269	188.0	15884436	.00727	614	552.74	.00073	611.30	.00724	(44)
374	490.0	41981130	.00727	623	561.35	.00072	611.30	.00714	(36)
299	208.5	18069184	.00727	630	568.53	.00071	611.30	.00765	(27)
494	419.0	36458565	.00727	633	571.08	.00071	611.50	.00703	(27
476	122.0	10639601	.ŭ0727	634	572.51	.00071	611.30	.60701	(25)
468	119.0	10398531	.00727	635	573.76	.00070	611.30	.00700	(24)
474	146.0	12794336	.00727	637	575.58	.00070	611.30	. ÛÛ678	(22)
401	173.0	15502771	.00727	651	589.96	.00069	611.30	.00632	(Ÿ)
200	336.7	30626428	.00727	661	599.77	.00068	611.30	.00672	(6)
351	282.0	261 68374	.00727	675	613.11	66000	611.30	.00057	12
528	475,5	44532540	.00727	661	619.56	•000066	611.30	.00653	18
275	108.5	10255602	.00727	687	625.66	.00065	611.30	.06647	24
214	1500.1	149167192	.00727	723	661.41	.00062	1064.30	.01070	(175)
359	170.5	18988252	.00727	810	748.14	.00055	611.30	.00547	137
332	307.0	34561228	.00727	818	756.93	.00055	611.30	.00543	145
424	118.0	13804876	.00727	851	789.01	.00053	611.30	.00523	175
301	91.0	10940580	.00727	874	812.53	.00051	611.30	.00508	197
220	237.7	28655649	.00727	876	814.92	.00051	611.30	.06507	179
362	780.3	101714100	.00727	948	886.15	.00047	611.30	.00469	265
452	493.6	á5907958	.00727	971	909.22	.00046	611.30	.00458	265
220	401.5	581 55719	.00727	1053	991.52	.00042	611.30	.00422	362
216	254.5	44148764	.00727	1261	1199.64	.00035	011.30	•00352	554
565	605.5	110847385	.00727	1331	1269.39	.00034	611.30	.00334	619
210	877.5	172138611	.00727	1394	1332.86	.00032	ŏ11.39	.00319	672
507	382.0	73310681	.00727	1395	1333.70	.00032	611.30	.00319	675
215	685.0	138878950	.00727	1474	1412.43	.00030	611.30	.00302	751
321	1009.1	224298706	.00727	1616	1554.44	.00028	1064.30	.00479	723
217	216.0	57832171	.06727	1946	1884.97	.00023	611.30	.00228	1,158
209	145.3	6157370û	.00727	3081	3019.29	.00015	611 <b>.</b> 30	.00144	2,235
244	765.6	493247327	.00727	4684	4622.28	.00010	₀11.3Ū	.00095	3,718

## APPENDIX 2 C

TOTAL LOCAL CONTROL

BY

LOCAL REQUIRED MILL RATE

(RLMR)

TO FUND THE STATE

NEED MODEL



APPENDIX 2C: TOTAL LOCAL CONTROL DATA ARRAYED BY LOCAL REQUIRED MILL RATE TO FUND THE NEED MODEL

USD	FTE	AV 1987	STATE APM CO + BI MILLS	WPP 3 STATE MY LEVY	DISCREPCY BETWN LOCAL WPP:MEAN	RLMR TO FUND ST. MEAN	ESTIMATED R/U NEED MODEL	RLMR TO FUND NEED	WFF - NESD ACJ. FOR DEGT
263	1803.0	16225664	.00727	65	3.71	.00684	1064.30	.11827	(984)
475	6557.7	61729817	.00727	68	6.92	.00653	1064.30	.11506	
469	1461.5	15202944	.00727	76	14.11	.00591	1064.30	.10231	(983) (971)
230		12795266	.00727	77	15.21	.00583	1064.35	.10065	(970 <i>)</i>
374	1233.0	13343104	.00727	79	17.16	.00568	1064.30	.09835	(7707 (768,
454	1215.2	14456326	.00727	86	24.94	.00517	1064.30	.08930	(95å)
499		4835130	.00727	50	-11.6i	.00876	c11.30	.08707	(736, (555)
Z32	1051.8	20937425	.00727	92	3Ú•64	.00485	1064.30	.08396	(951)
458	1150.6	14656197	.00727	93	31.09	.00483	1064.30	.08355	1759.
262	1882.0	24968380	.00727	96	34.94	.00464	1064.50	.08022	(740)
Z61	3117.8	41372600	.00727	96	34.96	.00464	1064.30	.08020	(746)
266	174ŭ.1	23585193	.00727	99	37.03	•ûû454	1064.30	.07852	(945)
202	3836.1	53148939	.00727	101	39.22	.00444	1064.30	.07682	(940)
464	1251.û	17680023	.00727	103	41.23	.00435	1084,30	.67531	(938)
367	1096.0	15712899	.00727	104	42.72	.00429	10a4.30	.07424	(936/
4ûZ	1813.5	20096927	.00727	105	43.11	·00427	1064.30	.07590	(935)
453	426Ü.Ü	62118557	.00727	106	44.50	.00422	1064.30	.07299	(934)
500	22131.4	326875449	.00727	107	45.87	.00416	1064.30	.07200	(952)
503		29621570	.00727	110	48.50	.00406	1064.30	.07033	(929)
204	2073.0	31441142	.00727	110	48.75	.00406	1064.30	.07017	(929)
353	1884.ŭ	28665817	.00727	111	49.11	.00404	1064.30	.06775	(923)
250	2909.0	44687539	.00727	112	50.17	.0040ū	1064.30	•Û6ŶZ8	(927)
248	1039.0	16466831	.00727	115	53.71	.00388	1064.30	.06715	(923)
ZÝŪ	2135.5	34353026	.00727	117	55.44	.00382	1064.30	•Üáalá	(926)
320	1176	19083197	.00727	118	55.45	.09379	1064.39	.06559	15.9)
207	1383.5	22491285	.00727	118	56.68	.00378	1064.30	.00547	(919)
491	783.2	7467929	.00727	69	7.81	•00645	611.30	.06411	(547)
Ōΰο	1605.1	76801962	.00727	121	57.88	•00366	1064.50	.ûo374	(915)
257	1746.0	29248558	.00727	122	60.23	.00367	1064.30	.00353	(915)
450	3226.5	54215264	.00727	122	60.65	.00300	1064.30	.06334	(914)
385	1564.0	26682188	.00727	124	62.52	.00361	1064.30	.06238	(912)
234	2040.5	35288463	.00727	125	ა3.85	.00357	1964.30	.06172	(910)
373	3035.7	52972852	.00727	127	65.35	.00352	1064.30	•06077	(908)
203	764.0	9785527	.00727	74	12.29	•00606	611.3Û	.Ü6ÜZZ	(543)
233	12137.6	216122462	.00727	129	67.92	.00346	1064.30	.05978	(905)
445	2765.6	50707784	.00727	133	71.79	.00335	1064.30	.05805	(960)
265	1854.7	34073587	.00727	134	72.05	.00335	1064.30	.05793	.900)
435	1386.5	25682961	.00727	135	73.16	.00332	1064.30	.05746	(879)
337	768.1	8203445	.00727	78	16.13	.00576	611.30	.95724	(540)
253	4460.5	82945104	.00727	135	73.68	.00331	1064.30	.05723	(898)
406	480.9	5260115	.00727	50	18.01	.00562	o11.30	.05589	√538 <i>)</i>
231	1050.Z	31601966	.00727	139	77.21	.00322	1064.30	.05579	(874)
409 409	1677.1	32278259	.00727	140	78.41	.00320	1064.30	.05530	(872)
470	2707.4	57472165	.00727	141	79.29	.00318	1064.30	.05495	(591)
416	1024.0	19888813	.00727	141	79.69	.00317	1064.30	.05480	(891)
305	6.675.8	130025743	.00727	142	80.09	.00316	1064.30	.05464	(899)



308		28356915	.00727	143	81.40	.00313	1064.30	.05414	(339)
446		46610250	.00727	145	83.07	.00307	1064.30	.05352	(837)
413		38690813	.00727	145	83.26	.00307	1064.30	.05345	(886)
437		66379379	.06727	145	83.80	.00308	1064.30	.05823	(3če)
101		22376356	.00727	147	85.77	.00394	1064.50	.05255	(863)
45Ū		41954725	.00727	151	89.71	.09298	1064.50	.05117	(67e)
357	674.Û	8068652	.00727	87	25.52	.00514	611.30	.05106	(531)
313	2145.5	45166262	.00727	153	91.54	.00292	1064.30	.05956	(876)
383	5848.6	123846961	.00727	154	92.44	.00290	1064.30	.05026	(875)
338	460.9	5609540	.00727	88	26.97	•00505	<u>411.30</u>	.03023	(530)
42 <del>9</del>	382.5	4662137	•Ūū727	89	27.10	.00505	611.30	.05015	(529)
508		10519006	.00727	89	27.52	.00502	611.30	.04992	(529)
246	587.5	7245186	.00727	90	28.15	.00479	611.30	.04757	(523)
379	1561.0	33961009	.00727	158	96.59	.00283	1064.30	.04894	(879)
493	:231.5	27330226	.00727	161	99.83	.00277	1064.30	.04750	1850.
540	715.5	9143616	.00727	93	31.40	.00481	ol1.30	.04784	(525)
443	4120.1	91821236	.û0727	162	100.51	.00276	1064.30	.04776	1865)
465	2273.1	50910359	.00727	163	101.32	.00275	1064.30	.04752	18647
309	1472.5	33118199	.00727	164	102.00	.00273	1064.30	.04732	(863)
308	4897.3	111820437	.00727	166	104.49	.00269	1064.50	.04001	(860)
501	14181.7	325760905	.00727	167	105.49	.00268	1064.30	.04633	(859)
344	412.0	5458 <del>9</del> 77	.00727	<del>9</del> 6	34.82	.00464	611.30	.04614	(522)
375	685.2	9134452	.00727	97	35.41	.00461	611.30	.04550	(522)
333	1354.4	31535351	.00727	169	107.76	.00264	1964.50	.04571	(65c)
345	3374.5	78700961	.00727	170	108.04	.00264	1064.30	.04563	(858)
439	399.Ü	5411534	.00727	99	37.09	.00454	611.30	.04597	(520)
447	640.5	8766787	.00727	10ū	58.00	.00449	611.30	.04466	(519)
454	342.0	4709609	.00727	100	38.60	.00447	611.3Ū	.04439	(517)
348	918.2	12669100	.00727	100	38.80	.00446	611.30	.04430	(519)
489	3266.1	80071787	.00727	178	116.72	.90251	1064.50	.04341	(845 <i>)</i>
247	420.5	6072170	.00727	105	43.47	.00426	611.50	.04233	(5:4)
415	1100.1	27684377	.00727	183	121.44	.00244	1954.30	.04229	(537)
335	465.5	6795238	.00727	103	44.62	.00421	611.30	.04188	15.3
473	1205.0	30702948	.00727	185	123.72	.00241	1064.30	.04177	1837
497	7639.6	195279705	.00727	185	124.32	.00241	1004.30	.34164	(835)
227	გნწნ.0	168667464	.00727	186	124.42	.00241	1064.30	.04161	18367
259	43568.5	1110929480	.00727	186	124.72	.06240	1064.30	.94155	(335)
37Z	0،10	693653 <del>9</del>	.00727	108	46.59	.00414	611.30	.04111	(5:1)
505	312.0	4687727	.00727	109	47.72	.00409	611.30	.04069	(516)
48Ū	5391.0	89826767	.00727	193	131.07	.00232	1964.50	.04018	(827)
428	3328.9	29723376	.00727	196	134.45	.00228	1064.30	.03949	(828)
336	887.5	13778108	.00727	113	51.35	.00376	611.30	.03938	(507)
457	5629.1	153976395	.00727	199	137.35	.00225	1064.30	.03891	(820)
512	25068.1	796559111	.00727	199	137.71	.00224	1064.30	.03884	(819)
315	1210.5	33323302	.00727	200	138.62	.00223	1064.30	აბწნნ.	(818)
312	1123.5	31188521	.00727	202	149.31	.00222	1064.30	.03834	(816)
289	667.7	19669544	•ūū727	116	54.56	.00385	611.30	.03829	(504)
ZóŨ	5206.8	144884706	.00727	202	140.79	.00221	!064.30	.03825	(304) (31a)
449	<b>ර</b> යිප Ú	10438211	.00727	119	57.43	.00376	611.30	.05750	(5017
343	855.5	14095903	.00727	120	58.28	.00373	611.30	.03710	(501)
404	745.9	12327327	.00727	120	58.64	.00372	611.30	.03679	(500)
323	577.5	9570873	.00727	120	58.78	.00371	611.30	.036§Ŷ	(500)
487	ãó₿.o	9331237	.00727	121	59.50	.00379	oll.30	.03673	(499)
339	379.9	6351642	.00727	122	60.04	.00368	611.50	.036.5 .03656	(499)
				<b>-</b>			J	100000	37/77



352	1232.0	36033877	.00727	213	151.12	.00210	1064.30	.03639	(803)
341	52Ÿ.Ū	9067162	.00727	125	<b>63.10</b>	.00359	611.30	.03566	(496)
342	481.5	8330351	.00727	126	64.27	.00556	611.30	.05533	(495)
247	779.5	13523666	.00727	126	64.62	.00355	611.50	.03524	(475)
425	295.5	5133198	.00727	126	64.78	.00354	611.30	.03519	(495)
288	498.Ü	8713964	.00727	127	65.70	•00352	611.30	.03474	(494)
382	1324.0	40663939	.00727	223	161.77	.00200	1064.30	.03455	(750)
461	781.0	13812733	.00727	129	67.07	.00348	611.30	.03456	(472)
287	726.5	13130877	.00727	131	69.89	.00340	611.3Û	.03382	(450)
430	643.7	11642302	.00727	131	69.98	.00340	611.30	.03360	(490)
463	360.0	6517166	.00727	132	70.10	.00340	611.30	.ŭ3377	(490)
456	329.5	6018134	.00727	133	71.27	.00337	611.30	.03347	(459)
466	1102.0	35583300	.00727	235	173.24	.00190	1064.50	.03296	(776)
436	804.7	14945119	.06727	135	73.51	.00331	611.30	.03291	14801
495	1092.0	35473062	.00727	236	174.52	.00189	1064.30	.03273	(774:
421	378.5	7262025	.00727	139	77.97	.00321	611.30	.0318o	(482)
418	2288.3	77023974	.00727	245	183.20	.00321	1064.30	.03162	
378	514.5	16000887	.00727	141	79.8Ŭ	.00316	611.30	.03145	(753)
42ū	629.Ū	12260552	.00727	142	80.20	.00316	611.30		(4817
243	486.5	9627717	.00727	144	82.36	.00316		.03136	(480)
211	706.5	14405468	.00727	148	86.72		611.30	.03089	(478)
377	778.Ŭ	16125474	.00727	151	89.17	.00302	611.30	.02998	(474)
44Ŭ	718.0	15156397	.00727	153	91.95	.00297	611.30	•02949	(472)
235	478.5	10184310	.00727	155		.00291	611.30	.02896	(467)
375	1163.0	43334984	.00727		93.22	.00289	611.30	.02872	(468)
358	402.5	43334764 8807426	.00727	271	209.38	.00165	1364.30	.02856	(731)
504	458.0	10224768		159	97.61	.90281	611.50	.02793	(404)
330	558.0	12531644	.00727	162	100.79	.00276	611.30	.02738	(401)
441	941.0		.00727	163	101.76	.00274	611.30	.02722	(460)
451		21871724	.00727	169	107.47	.00265	611.30	.02630	(455)
286	220.0	5137652	.00727	170	108.27	.00263	611.30	•Ū2618	(454)
	501.0	11701541	.00727	170	108.29	.00263	611.30	.02617	(454)
222	450.0	10130318	.00727	171	109.75	.00261	o11.30	.02595	/ 45∃∙
268	537.5	12703674	.09727	172	110.31	.00260	611.30	.02586	(452.
278	310.0	7377075	.00727	173	111.49	.00258	∆11.30	.02559	(451)
411	248.3	5930241	.00727	174	112.12	.00258	o11.30	.02550	(45: -
205	662.Û	16342019	.99727	174	112.09	.00257	611.3Ü	•02 <b>5</b> 51	(450)
356	359.5	9711868	.00727	177	115.22	.00253	611.30	.02515	१४५३ •
307	334.0	8127226	.00727	177	115.39	.00253	611.30	.02512	(446)
346	544.0	13271393	.00727	177	115.85	.00252	611.30	.025C&	(447)
387	388.0	9717134	.00727	182	120.56	•00246	611.30	.02441	(443)
464	851.0	22403318	.00727	183	121.29	.00245	o11.30	.02431	(442)
322	413.5	10607277	.00727	186	124.98	.00240	611.30	.02:83	(437)
327	710.8	18246068	.00727	187	125.11	.00240	611.30	.ũ2381	(439)
498	391.2	10093058	.00727	188	126.06	.00238	611.30	•ū2369	(438)
283	177.5	4628351	.08727	190	128 06	.00236	611.3Ū	.02344	(435)
408	539.5	14102673	.00727	190	128.53	.00235	6 <b>11.</b> 30	.02339	14861
497	1232.7	56570307	.00727	334	272.12	.00134	1064.30	.02319	(654)
360	599.0	15865127	.00727	193	131.04	.00232	611.3Ú	.62308	43E)
258	6ŽÛ•Ũ	16007438	.00727	195	133.25	.00230	611.50	.02252	47,
331	1098.7	51413011	.00727	340	278.69	.00131	1064.30	.62274	(040)
251	680.2	18322952	.00727	196	134.33	.00228	ail.30	.02267	(4 <u>:</u> 0)
378	412.5	11411769	.00727	201	139.61	.00222	611.3Ú	.022:0	(425)
410	596.7	16547315	.00727	202	140.10	.00222	611.30	.02204	(425)
376	541.1	15009149	.00727	202	140.15	.00222	611.30	.02204	(425)
			<del></del>				011100	******	1760)



240	481.7	13391946	.00727	202	140.61	.00221	611.30	.02199	(424)
417	972.5	27121605	.00727	203	141.24	.00221	611.50	.02177	(424)
264	942.5	26858120	.00727	207	145.66	.00216	611.35	.02172	(424) (420)
402	409.5	11708442	.00727	208	146.35	.00215	611.50	.02158	(417)
364	900.0	2a287915	.00727	212	150.84	.00211	611.30	.02093	(417)
450	251.0	7410261	.00727	215	153.12	.00205	611.50	.02071	(413)
433	199.5	5904453	.00727	215	153.65	.00208	611.30	.02077 .02065	(412)
272	547.0	16303704	.00727	217	155.18	.00206	611.30	.02051	(411)
4ůů	794.5	24118570	.00727	221	159.18	.00203	611.30	.02037	(407)
400	742.0	22721326	.00727	223	161.11	.00201	611.30	.01796	(4077
481	375.8	11538558	.00727	223	161.71	.00200	611.30	.01770	(405)
252	482.0	14828157	.00727	224	162.14	.00200	611.30	.01987	(405)
5û9	215.5	6639020	.00727	224	162.46	.00200	611.30	.01767 .01764	(404)
479	257.5	8011564	.00727	226	164.68	.00198	611.30	.0170 <del>4</del> .01905	(402)
509	26ê.Ü	8402979	.00727	228	166.44	.00176	611.39	.01763	(461)
329	522.4	16406538	.00727	228	166.82	.00195	611.30	.01946	
365	967.6	30396330	.00727	228	166.87	.00176	611.30	.01746	(469)
412	529.0	16625938,	.00727	228	166.98	.00176	611.30	.01746	(499)
384	248.5	7832754	.00727	229	167.64	.00175	611.30		(488) (555)
389	691.5	21804853	.00727	229	167.73	.00175	611.30	.01939 .01939	(399) 1500 :
238	208.5	6589196	.00727	230	168.24	.00175	611.30		(399)
237	643.0	20389821	.00727	231	169.02	.00173		.01934	(359)
393	303.0	9611991	.00727	231	169.11	.00174	611.30	.01928	(376,
442	378.1	12033020	.00727	231	167.86		611.30 (11.30	.01727	(576)
325	711.5	22685326	.00727	232	170.29	.00193 .00193	611.30	.01921	(397)
488	320.5	10422576	.00727	232	170.56	.00173	611.30	.01917	(397)
405	750.1	24012707	.00727	233	170.38	.00173	611.30	.01915	(397)
448	386.5	12565908	.00727	236	174.85		611.30	.01910	(375/
360	301.0	9793442	.00727	237	175.03	.00189	611.30	.01880	(593)
273	780.0	25426604	.00727	237	175.03	.00189	611.30	.01879	(393.
427	5.50ه	19818703	.00727	238	175.45	.00189	611.30	.01875	(592)
256	333.0	- 10912236	.00727	238	176.43	.00188	611.30	.01868	(391)
311	253.5	8673539	.00727	237	177.79	.00188	611.30	.01865	(371)
239	642.5	21545287	.00727	242		.00187	oll.50	.01557	1398.
316	472.5	15939619	.00727	242 245	180.02 183.74	.00185	611.30	.31540	(383)
392	475.5	16147636	.00727	243 247	185.37	.93182	ol1.50	.01812	(385)
452	403.5	13792788	.00727	247 249		.90181	611.30	.01200	383,
162	576.0	15834212	.00727	247 249	187.00	.00180	611.30	.61728	(382)
212	203.5	6991725	.00727	247 250	187.96 188.27	.00179	611.30	.01781	(321)
206	506.0	17447915	.00727	25t 25t	189.17	.00179	611.30	.01779	(389)
366	560.0	19598346	.00727	254	192.92	.00178	611.30	.01773	(380)
297	419.0	14668970	.00727	255	193.01	.00176	611.30	.01747	(376)
419	384.5	13469387	.00727	255 255	193.16	.00176	611.30	.01746	(37a)
386	288.0	10261054	.00727	259		.00176	611.30	.01745	(376)
285	202.0	7198490	.00727	259 259	197.51	.00173	611.50	.01716	(572)
381	251.5	9115444	.00727	263	197.56	.00173	611.30	.01715	(372)
324	168.0	6117627	.00727	265 265	201.99	.00170	611.30	.01687	(368)
245	319.5	11637231	.00727	265 265	203.22	.00169	611.30	.01679	\3c7
420	257.ŭ	9465551	.00727	266	203.29	.00169	611.30	.01678	(307)
310	516.Ū	19147276	.00727	200 270	204.18	.00168	611.30	.01673	(350)
423	420.0	15939512	.00727	270 272	208.26	.00166	611.30	.01647	(362)
355	552.1	20938582	.00727	272 276	210.51	.00164	611.30	.01634	(300)
282	446.9	17021619	.00727	270 277	214.21	.00162	611.30	.01612	(356)
279	198.5	7587161	•00727 •00727		215.39	.00161	611.30	.016/3	(355 <i>)</i>
/	.,0.0	1.201.101	•00/2/	278	216.37	16160.	ò11.30	.01599	(354)



		•							
294	582.5	22948867	.00727	286	224.91	-00156	611.30	.01552	(347)
361		38843157	.00727	287	225.03	.00156	611.50	.01551	(346)
208	6Ū7 <b>.</b> ,5	24312310	.00727	291	229.44	.00154	611.30	.01527	(342)
431	691.0	27659661	.00727	291	229.50	.00154	611.36	.01527	(342)
347	378.7	15186857	.00727	292	230.04	.00153	11.30	.01524	(342)
ვებ	57.1ه	27173399	.00727	301	239.13	.00149	611.30	.01478	(333)
224	403.4	16741572	.00727	302	240.20	.00148	611.30	.01473	(332)
359	212.5	8841247	.00727	302	240.95	.00148	611.50	.01469	(332)
349	283.5	11989551	.00727	307	245.95	.00145	611.30	.01445	(327)
471	159.5	<b>6</b> 868303	.00727	313	231.55	.00143	611.30	.01420	(322)
293	320.5	13817096	.00727	313	251.91	.00143	611.30	.01420	(322)
459	284.0	12266609	.00727	314	252.50	.00142	611.30	.01415	(321)
397	294.5	12842128	.00727	317	255.51	.00141	611.30	.01402	(316)
241	322.0	14164066	.00727	320	258.28	.00140	ó!1.30	.01370	(3167 (3167
298	401.0	18080733	.00727	328	266.29	.09136	611.3ů	.01376 .01356	(303.
334	265.Ū	11967894	.00727	328	266.82	.00136	611.30	.01354	(305. (305)
350	429.0	19710461	.00727	334	272,51	.00134	11.30ء 11.30ء	.01334 .01331	
284	540.5	25133780	.00727	338	276.55	.00132	611.30	.01337	(309) (305)
281	504.6	23635372	.00727	34	279.02	.00131	611.30	.01315	(299) (257)
223	384.5	18078945	.00727	342	280.32	.00131	611.30	.01303 .01300	(297) (295)
455	152.5	7198536	.00727	343	∠81.66	.00130	611.30	.01300	
254	802.0	38090956	.00727	345	283.78	.00130	611.30	.01273	(294)
368	352.5	16940246	.00727	349	287.87	.00130	611.30		(252)
390	141.5	6818399	.ûû727	350	288.81	.00128	611.30	.01272	(288)
213	128.0	6173979	.00727	351	289.15	.00128	611.30	.01269 .01267	(287)
295	117.3	5762836	.00727	351	289.52	.00127	611.30		(287.
403	352.0	17145671	.00727	354	292.61	.90126	o11.30	.01266 .01255	(287)
422	430.0	21407373	.00727	362	300.42	.00124	611.30	.01235	(284)
371	210.5	10680676	.00727	369	307.37	.00121	611.30	.01225 .01205	(277)
492	234.0	11873430	.00727	369	307.38	.00121	611.30		(278)
316	142.5	7260366	.00727	370	308 <b>.</b> 90	.00121	611.30	.01205	(270)
292	210.5	10759041	.00727	372	310.07	.00120	611.30	.01200 .01196	₹2 <del>6</del> 97
467	503.0	28907353	.00727	373	311.77	.00120	611.30	.01176 .01191	(258.
22!	172.5	8266507	.00727	374	312.17	.00120 .00120			1,256
104	205.0	10045149	.00727	378	316.00	.00125 .00118	o11.30 611.30	.01189	: Zae
274	475.5	24746636	.00727	378	316.85	.00118		.01177	(2027
271	406.0	21274100	.00727	381	319.43	.00117	611.30 411.30	.01175	(ŽoŽ)
271	147.5	7945040	.00727	392	330.09	.00117	611.30 611.30	.01167 .01135	(259)
27û	489.0	26603844	.00727	396	334.01	.00114	611.30	.01133	(249)
477	220.0	11989562	.00727	396	334.69	.00113	611.30	.01122	(246)
511	234.0	12919652	.00727	401	339.88	.00111	611.30	.01122	(245)
482	367.0	20346568	.00727	403	341.54	.00111	611.30	.01107	(240) (239)
214	1500.1	149167192	.00727	723	661.41	.00062	1064.30	.01970	(175)
438	353.8	20919817	.00727	430	368.36	.00104	611.30	.01034	(214)
326	227.5	13756829	.00727	440	378.10	.00102	611.30	.01034	(205)
302	204.5	12492110	.00727	444	382.59	.00101	611.30	.01011	(201)
483	500.0	34398913	.00727	447	385.06	.00100	o11.30	.00995	(199)
317	73.5	4576880	.00727	453	391.39	.00099	611.30	.00993	(193)
225	169.0	10773754	.00727	463	401.95	.00077	611.50	.00757	(153)
444	386.0	25252713	.00727	476	414.10	.00074	611.30	.00737	(172)
314	149.5	10055999	.09727	489	427.50	.00074	611.30	.00734 .00707	(172)
303	322.5	21912017	.00727	494	432.44	.00091	011.30	.00707 .00906	(155)
280	124.0	8466891	.00727	496	434.90	.00090	611.30	.00700 .00695	(152)
502	159.0	13071900	.00727	503	441.31	.00070	611.30	.00675 .00864	(147.)
						100007	011.30	.00009	0.477



255		21866431	.00727	506	444.76	.00088	611.30	.00873	(143)
354	222.5	15509823	.00727	507	445.26	.00068	611.30		(143)
227		17112382	.00727	511	449.40	.00088	611.30	.00870	(139)
470		10099755	.00727	512	450.25	.00987	611.50	.0086ê	(137)
103		16382626	.00727	518	455.79	.00086	611.30	.00050 .09857	(152,
219		14774257	.00727	528	466.50	.00085	611.50	.00542	(125)
395	364.0	26653509	.00727	532	470.83	.00084	611.30	.00535	(119)
300	420.5	31364357	.00727	542	480.75	.00082	611.30	.00820	(110)
242		8207005	.00727	55ů	488.40	.00081	611.30	.00808	(103/
218		45462536	.00727	555	493.04	.00081	611.50	.00500	1591
228	139.0	10641709	.00727	557	495.07	.00680	611.30	.00798	(97)
504	123.5	9767700	.00727	575	513.48	.00078	611.30	.00773	(60)
269	188.0	15884436	.00727	614	552.74	.00073	611.30	.90724	(44)
374	47Û.Ü	41981130	.00727	623	561.35	.00072	611.30	.00714	(36)
299	298.5	18069184	.00727	630	568.53	.00071	611,30	.00705	129,
474	419.0	3 <b>645</b> 8565	.00727	633	571.08	.00071	611.30	.00703	(27)
476	122.0	10639601	.00727 ·	634	572.51	.00071	611.30	.00701	(25)
468	119.0	10398531	.00727	635	573.76	.00070	611.3Q	.99700	(24)
474	146.0	12794336	.00727	637	575.58	.00070	611.30	.00698	(22)
401	173.0	15502771	.00727	651	589.96	.00069	611.30	.00682	(ŷ)
200	336.7	30626428	.00727	661	599.77	.00068	611.30	.00672	(0)
351	282.0	26168374	.00727	675	613.11	.00066	611.30	.005,2	12
328	475.5	44532540	.00727	681	619.36	,ពីពិពិភ្នំស្	611.30	.00057	16
275	108.5	10255602	.00727	687	625.66	.00065	611.30	.00647	24
379	170.5	18988252	.00727	810	748.14	.00055	611.3Ū	.00549	137
332	307.0	34561228	.00727	818	756.93	.00055	611.5Ü	.00543	145
424	118.0	13804876	.00727	851	789.01	.00053	611.50	.06523	175
Süi	91.Ū	10940580	.00727	874	812.53	.00051	611.30	.00508	197
220	237.7	28655649	.00727	876	814.92	.00051	á11.30	.00507	199
321	1009.1	224298706	.00727	1616	1554.44	.00028	1064.30	.0047ÿ	923
362	780.3	191714100	.00727	948	886.15	.00047	611.30	.00469	265 265
452	493.6	6590795 <b>8</b>	.00727	971	909.22	.00046	611.30	.00458	200 200
226	÷01.5	58155719	.00727	1953	991.52	.00042	611.50	.00422	200 301
216	254.5	44148764	.00727	1251	1199.64	.00035	611.30	.00352	554
363	5.50ه	110847385	.00727	1331	1269.39	.00034	611.30	.00354	6.*
21 û	897.5	172138611	.00727	1394	1332.86	.00032	611.30	.00319	o76
507	382.0	73310681	.69727	1395	1333.70	.00032	611.30	.00319	678
215	685.0	138878950	.00727	1474	1412.43	.00030	611.30	.00302	751
217	210.0	57832171	.00727	1946	1884.97	.00023	611.30	.00228	1,158
209	145.3	61573700	.00727	3081	30:9.29	.00015	611.30	.00220	1,135 2,236
244	765.6	493247327	.00727	4684	4622.28	.00010	611.50	.00197	2,236 3,718
							011109	100070	31/15



### APPENDIX 2 D

TOTAL LOCAL CONTROL

BY

LOCAL REQUIRED MILL RATE

(RLMR)

TO FUND THE

RURAL AND URBAN NEED MODELS



ძვე	FTE	AV 1987	STATE AFM CO + BI MILLS	WPP 3 STATE MN LEVY	Discrepcy Betwn Local WPP:MEAN	RLMR TO FUND ST. MEAN	ESTIMATED R/U NEED MODEL	RUMR TO FOND NEED	WPP - NEED HIV. PIP DEBT
UREA	₩ DISTRII	cts arrayed by	' NEED MODEL A	FTER ADJUST	ING FOR DEBT H	IGH TO LOW			
						10 204			
321	1007.1	224298706	.00727	1616	1554.44	.00028	1064.30	.00479	923
214	1500.1	149167192	.00727	725	661.41	.00062	1064.30	.01070	1175.
\$31	1098.7	51413011	.00727	340	278.69	.00131	1064.30	.02274	10407
407	1232.7	56579307	.00727	334	272.12	.00134	1064.20	.02319	€&54°
375 445	1163.0	43334984	•ûû727	271	209.38	.ûû1c5	1064.50	•ÛZ856	(731)
418 40=	2288.3	77023974	.00727	245	183.20	.00183	1064.30	.03162	(763)
495	1092.6	35473062	.00727	236	174.52	.00189	1064.30	.03278	(774)
46c 382	1102.0	35583300	.00727	235	173.24	.05190	1064.3û	.03296	1776
35Z	1324.0	40663939	.00727	223	161.77	.00200	1064.30	.03465	(790)
30Z 26Ü	1232.0	36033877	.00727	213	151.12	.00210	1064.30	.03539	(303
312	5200.8	144884706	.00727	202	140.79	.00221	1064.30	.03825	(816)
315	1123.5	31155521	.00727	202	140.31	.00222	1044.30	.03534	15151
512	1210.5	33323302	.00727	200	138.62	.00223	1064.30	•038oò	(813)
457	29068.1	796559111	.00727	199	137.71	.00224	1064.30	.03884	(519)
428	5629.1 3328.9	153976395	.00727	199	137.35	.00225	1964.30	.03891	(823)
460	3391.0	89728376	.00727	196	134.45	.00228	1064.30	.03949	(823)
259	43368.5	89826767	.00727	193	131.07	.00232	1064.30	.04018	(827)
229	6595.U	1110929480	.00727	186	124.72	.00240	1064.30	.04155	(835)
477	7639.6	165667464	.00727	186	124.42	.50241	1064.30	.04161	+656/
473	7037.0 1205.0	195279705	.00727	186	124.32	.00241	1064.30	.04164	4835
415	1100.1	30702048	.00727	185	123.72	.00241	1064.30	.04177	1887,
489		27684877	.00727	183	121.44	.00244	1054.30	.54229	1214
345	3200.1 3374.5	80071787	.00727	178	116.72	.00251	1004.30	.04541	1.545
333	1354.4	78700961	.00727	170	108.04	.00264	1064.30	.14563	12561
501	14181.7	31535351	.00727	169	107.76	.00264	1064.30	.04571	185c,
308	4897.3	325760905	.00727	167	105.49	.00268	1054.30	•04633	KEEFA
309	1472.5	111820437 33118199	.00727	166	104.49	.00269	1064.30	•û4oo1	(860)
465	2273.1	50710359	.00727	164	102.00	.00273	1064.30	.04732	1563/
443	4120.1	91821236	.00727	163	191.32	.00275	1064.30	.04752	(854)
493	1231.5	27330226	.00727	162	100.51	.00276	1064.30	.ú477o	くさゅうノ
37ÿ	1561.6	33961009	.00727	161	99.83	.00277	1064.30	.04796	(666)
383	5848.6	123846961	00727	158	96.59	.00283	1064.30	.04394	(679)
313	2145.5	451 66262	.00727	154	92.44	.00290	1064.30	.05026	(875)
490	2017.0	41954725	.00727	153	91.54	.00292	1064.30	.85055	₹575°
191	1104.5	22376355	.00727	151	59.71	.00296	1004.30	.05117	1878)
457	5319.6	66379379	.00727	147	85.77	.00394	1964.30	.35253	(853)
413	1943.0	38690813	•00727	145	83.86	.00308	1064.50	.95323	1580+
446	2343.8	46610250	.00727	145	83.26	.00309	1004.30	.05345	1000,
368 3	1442.6	28356915	.00727	145	80.07	.00309	1064.30	.05352	1827)
305	6675.8	130ú25743	.00727	143	81.40	00313	1064.30	.05414	√889 <i>)</i>
416	1024.û	198888:3	.00727 .00727	142	90.09 30.70	.0031a	1004.50	.05464	(ōŷō)
	- 47 110	11000619	•00/2/	141	79.69	.00317	1064.30	.05480	(हरू) र



470	2967.4	57472165	.00727	141	79.29	.00318	1064.30	.05475	(591)
409	1677.1	32278259	.00727	140	78.41	.00320	1004.33	.65539	18717
<b>2</b> 3 i	1650.2	31001966	.00727	139	77.21	.00322	1004.33	.65575	\67
253	4460.5	82945104	.00727	135	73.68	.00331	1804.33	.95723	(875)
435	1380.5	25682961	.00727	135	75.16	.00332	10:4.30	.05745	1875
5ە2	1854.7	34073587	.60727	134	72.05	.00335	1004.30	.05755	
445		50707784	•ûū727	133	71.79	.00335	1064.30		(933)
233		216122462	.00727	129	67.92	.00333 .00346	1064.30	.05805 .05978	(900) - 22=
373		52972852	.00727	127	65.35	.00342	1964.30		(905/
234	2046.5	35288463	.00727	125	63.85	.00357	1064.30	.00099	(508)
385	1564.ū	26652188	.00727	124	62.52	.00357	1064.30	.06172	(910.
450	3220.5	54215264	.00727	122	60.65	.00361	1064.30	.86258 04304	(912)
257	1746.0	29248558	.00727	122	60.28	.00367	1064.30	.06334	(914) - 515
535	1035.1	26601962	.00727	121	59.83	36£00.	1064.30	.jo353	(915)
267	1363.5	22491265	.00727	118	56.68	.00300 .00378		.06374	(915)
320	1176.1	19083197	.00727	118	56.45		1064.30	.062-7	(919)
290	2135.5	34353026	.00727	117	55.44	.00379	1064.30	.66559	(5.7%
248	1037.0	16466831	.00727	117		.00582	1064.30	.ŭcolo	(\$ <b>2</b> 0)
25û	2909.0	44687539	.00727	112	53.71	.00388	1064.30	.06715	(923)
353	1884.0	28665817	.00727		50.17	.00400	1064.30	.06925	(927)
204	2073.0	31441142	.00727 .00727	111	49.11	.00404	1064.30	.06975	(928)
503	1957.5	29621570	.00727 .00727	110 110	48.75	.06406	1064.50	.07017	1927/
500	22131.4	326875449	.00727	107	48.50	•00406	1064.30	.07033	(727)
453	4200.0	62118557	.00727	107 106	45.87	.00416	1064.30	.07206	(132)
402	1813.5	20090927	.00727	105	44.50 43.11	.00422	1064.30	.07299	1934/
367	1096.0	15712899	.00727	103 104	42.72	.00427	1004.30	.07396	(435)
464	1251.0	17680023	.00727	103	41.23	.00429	1004.39	.07424	(932)
202	3536.1	53148939	.00727	101	41.23 39.22	.00435	1964.30	.07531	(938
266	1740.1	23585193	.00727	79 79	37.22 37.03	.00444	1064.30	.07652	(5901
2ó1	3117.8	41372600	.00727	77 96	34.96	.00454	1064.30	.07852	(948)
262	1882.0	24968380	.00727	76 96	34.94	.00464	1064.30	.08020	ر ڳيهي.
459	1150.6	14656197	.00727	93	34.74 31.09	.00464	1064.30	.08022	(540)
232	1051.8	20537425	.00727	73 52		.00483	1064.30	.06355	***
454	1215.2	14459326	.00727	72 85	30.64 24.94	.00485	1064.30	.j839e	1951
394	1233.0	15343104	.00727	35 79		.005 <sub>1</sub> 7	1064.30	.08750	t = = =
259	1212.5	12795266	.00727	77 77	17.16	.00565	1064.30	.99535	+741
409	1401.5	15262944	.00727		15.21	.00583	1064.30	.10065	197.4
475	6557.7	61725817	.00727	76 73	14.11	.00591	1004.30	.16231	+ 471
203	1803.0	16225664	.00727	68 (=	6.92	.00:53	1154.30	.1130e	(41)
-00	100010	10223664	.00727	65	3.91	.00684	1064.30	.11627	17747
RURAL	. DISTRICT	s arrayed by I	NEED MODEL AFTE	R ADJUST	ING FOR DEBT :	HIGH TO LOW			
244	765.6	493247327	.00727	4684	4622.28	85818	411 **	*AAA#	
207	145.3	61573700	.00727	4004 3051	4022.28 3019.29	.05010 .00015	611.30	.30095	8,719
217	216.Ú	57852171	.00727	1946	1834.97	.00015 .00025	511.30 -11.30	.00144	2.210
215	≙85.0	138878950	.00727	1474	1412.43	.00023 .00033	611.30 411.33	.00228 .00228	lā
557	382.0	73310 <i>6</i> 81	.00727	1395	1333.70	.00033	611.3J	.00332 .00332	7 <del>2</del> .
210	897.5	172138611	.00727	1394	1332.56	.00032	611.30	.00319	5.5
363	a)5.5	110847885	.00727	1331	1269.39		611.30	.00319	675
210	254.5	44148764	.00727	1261	1199.64	.00034 .00035	611.30 611.30	.96884 .86852	4
				* 401	44//107	しいいひろう	011.58	A311655.Z	

401.5

493.6

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452

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1199.64

991.52 909.22

.00035

.00042

.00045

611.30

611.33

611.50

.00352 .00422 .00453

55. 362 384

1261

1053

971

.00727

.00727

.00727

362	780.3	101714166	.00727	948	586.15	.00047	611.39	.00457	že5
220	237.7	28655649	.00727	876	814.92	.0002	611.30	0951.	177
301	Ŷŀ.Ũ	10940580	.00727	874	812.53	.00051	611.30	.00508	15-
424	113.0	13804870	.00727	851	789.0:	.00053	c11.E3		175
532	367.6	34561228	.00727	818	756.93	.06655	511.5j	.00543	14:
377	17ċ.5	16988252	.00727	810	745.14	.00055	611.30	.00549	187
275	108.5	10255662	.00727	687	625.66	.00065	611.35	.00647	<u>.</u>
328	475.5	44532540	.00727	<b>6</b> 81	619.36	.00006	611.30	.00647	15
351	282.0	26168374	.00727	ბ75	613.11	.03066	611.30	.00059	12
200	336.7	30626428	.00727	661	599.77	66000.	611.39	.00632	12
40 I	173.0	15502771	.00727	651	589.96	.00069	611.39	.00672	(§)
474	146.0	12794336	.00727	637	575.58	.00070	611.30	.00695	(22)
468	119.0	10398531	.00727	635	573,76	.00070	611.30	.00700	(24)
476	122.0	10039601	.00727	634	572.51	.00071	611.30	.30701	
454	419.0	36458565	.00727	633	571.08	.00071	611.50	.50701	125): (25):
299	208.5	18069184	.00727	630	5±9.53	.00071	611.30	.00705	
374	470.0	41981130	.00727	623	561.35	.00072	611.30	.00714	(25.
ZOŸ	188.0	15884436	.00727	614	552.74	.00072	611.30		(55)
304	123.5	9767700	.00727	575	513.48	.00073	611.30	.00724	(चेक्र
228	139.0	10641709	.06727	573 557	495.07	.00078		.00773	1857
Žlô	596.Û	45462536	.00727	555	493.04	.00081	611.50	.00798	(97)
242	108.5	8207005	.00727	550	488.40	.00081	611.50	.00801	(\$7
300	420.5	31364357	.00727	542	45Q.75		611.50	.00306.	(105
395	364.0	26653509	.00727	532	450.73 470.83	.00082	ol1.30	.00820	(113)
215	203,5	14774257	.00727	528	470.03	.00084	611.38		11191
103	225.5	16082626	.00727	518	456.99	.00055 	011.50	18300.	1445
496	152.0	10657755	.00727	512	450.25	.მმშნბ	611.50	.99857	(152)
227	243.5	17112382	.06727	511	450.25 449.40	.00087	611.35	.03865	1133
354	222.5	15539823	.00727	507	445.26	.00068	oll.39	.09870	£155 :
255	314.0	21866431	.00727	596		.00088	611.50	.00877	(145)
502	189.0	15071900	.00727	503	444.76	.00083	611.30	.00878	(14ž.
28û	124.0	8465891	.00727	303 496	441.31	.00089	611.30	.00884	1147
303	22.5	21912017	.00727		434.90	.00090	611.30	.00895	(152)
314	149.5	10955999	.00727	494	452.44	.06071	c11.50	.90900	E2,
-jud	380.0	25252713	.00727	489	427.50	.00051	oll.50	.03-3-	1.54
225	109.0	10773754	.00727 .00727	474	414.10	.00094	ell.30	.00984	1472
317	75.5	4578888		465	491.95	.00370	å11.30	.60757	1155
483	559.0	34378913	.60727	453	391.39	.09999	511.50	.00951	(.:23)
E92	204.5	12492110	.00727	437	385.00	.00100	611.33	.60775	1 1 4 4
326	227.5	13756829	.00727	444	362.59	.00101	611.30	.61001	(23.4
438	353.8	20919817	.00727	440	378.19	.00102	a1.50	.01011	(2.5
482	367.Û	20717617 20346568	.00727	43û	368.36	.00104	o`1.3∪	.01024	12141
511	234.0	12919652	.00727	403	341.54	.00111	o\1.39	.01103	1237
477			.00727	401	339.88	.00111	611.3Ū	.91107	(24))
27ù	220.0	11989562	.00727	396	354.69	.00113	611 GB	.01122	(245)
271	469.0	26603844	.00727	354	334.01	.00113	611.3Û	.01124	(246)
	147.5	7945940	.00727	392	<b>3</b> 30.09	.00114	611.30	.01135	1249 .
271 273	486.8	21274100	.00727	165	319.43	.0ù117	o11.50	.611e7	12577
274	475,5	24746536	.00727	378	316.85	.93118	611.56	.01175	152
104	205.0	19645149	.90727	578	316.00	.00119	ol1.30	.11177	202 *
221	172.5	5866507	.00727	574	312.17	.00120	611.30	.91167	1205,
<del>-</del> 67	563.Û	26507353	.00727	373	311.77	.00120	c11.50	.01191	(žič
272	210.5	10759041	.00727	372	310.07	.33123	611.35	.011 <sup>2</sup> :	.255
315	142.5	7269366	.00727	37ŭ	368.90	.00121	611.EŪ	.61290	(365)
492	234.0	11873430	.00727	369	307.3E	.06121	611.30	.01205	12702
									• •



371	210.5	19680676	.00727	369	307.37	.00121	611.30	.01205	. 3734
422	430.0	21407373	.00727	362	300,42	.00124	611.30	.01228	(276)
403	352.0	17145671	.00727	354	292.61	.00126	611.30	.01226	(277)
295	117.3	5762656	.00727	351	289.52	.00127	611.30	.01255 .01255	(284)
213	128.0	ð173979	.00727	351	289.15	.00128	611.30		(287)
390	141.5	6818399	.00727	350	288.81	.00128	611.30 611.30	.91°67	(267)
388	352.5	16940246	.00727	349	287.87	.00128		.01269	(287)
254	802.0	38090956	.00727	345	283.78	.00130	all.30	.51272	(288)
455	152.5	7198536	.00727	343	281.66	.00130	611.30	.01287	(272)
223	384.5	18078945	.00727	342	280.32	.00131	611.30	.61295	(294)
281	504.6	23635372	.00727	341	279.02	.00131	611.30	.01300	(295)
284	540.5	25133780	.00727	338	276.55	.00131	611.30	.01305	(297)
350	429.0	19710461	.00727	334	272.51	.00132	611.30	.01315	(299)
334	255.0	11967894	.00727	328	266.82	.00134	611.30	.01331	(393)
298	401.0	18080733	.00727	328	266.29		ol1.50	.01354	(302)
241	322.0	14164966	.00727	320	258.28	.00136	ol1.30	.0135e	(308)
397	294.5	12842128	.00727	317	255.51	.00140	611.30	.01390	(Bre-
45 <del>9</del>	284.0	12266609	.00727	314		.00141	611.30	.01402	(318)
293	320.5	13817096	.00727	313	252.50	.00142	611.30	.01415	(32:)
471	159.5	6868303	.00727		251.91	.00143	611.30	.01418	(322)
349	283.5	11989551	.00727	313	251.55	.00143	611.30	.01420	(322)
359	212.5	8841247		307	245.95	.00145	611.30	.01445	(327)
224	403.4	16741572	.00727	302	240.96	.00148	611.30	.01469	(332)
3Ú0	657.1	27173399	.00727	302	240.20	.00148	611.30	.01473	(332/
347	375.7	15186857	.00727	301	239.13	.00149	611.30	.01478	(333
431	691.0	27659661	.00727	292	230.04	.00153	611.30	.01524	(342)
208	607.5	27937661 2431 <i>2</i> 310	.00727	291	229.50	.00154	611.30	.01527	(342)
361	985.5		.00727	291	229.44	.00154	611.30	.01527	(34Z <i>)</i>
294	582.5	38843157	.00727	287	225.03	.90156	611.30	.01551	(54a.
279	198.5	22948867	.00727	286	224.91	.00156	11،30	.01552	(347)
282	446.5	7587161	.00727	278	216.37	.00161	611.30	.01597	(354)
355	552 <b>.</b> 1	17021619	.00727	277	215.39	.00161	611.30	.01505	(355)
423		20938582	.00727	276	214.21	.00162	611.39	.01612	435ء
310	426.0	15939512	.00727	272	210.51	.00154	611.30	.úlo34	1360:
	516.Ū	19147276	.00727	270	208.26	.მმება	¢11.59	.01547	(362)
426 245	259.9	9465551	.00727	266	294.18	.00168	o11.30	.61e73	.366
	319.5	11637231	.00727	265	203.29	.00157	611.30	.31o73	(3:7)
324	168.Û	6117627	.00727	2ა5	203.22	.00169	611.30	.ü1677	(Se7)
381	251.5	9115444	.00727	263	201.99	.00170	611 <b>.</b> 30	.01687	(3:5-
285	202.0	7198490	.00727	259	197.56	.00173	611.3Ü	.01715	(372)
386	288.0	10261054	.00727	259	197.51	.00173	611.3ü	.01716	(372)
41ÿ	384.5	13469387	.00727	255	193.16	.00176	611.30	.01745	1,5757
297	419.0	14668970	.00727	255	193.01	.00176	611 <b>.</b> 30	.01746	(376)
366	560.0	19598346	.00727	254	192.92	•00176	611.30	.01747	(376)
206	506.0	17447915	.00727	251	185.17	.00178	611.3Û	.01773	(380)
212	203.5	6991725	.00727	250	188.27	.00179	611.30	.01779	(380)
102	578.0	19834212	.00727	249	187.96	.00179	611.30	.01781	(381)
432	403.5	13792788	.00727	249	187.00	.00180	611.3Û	.01788	1382/
392	475.5	16147636	.00727	247	185.37	.00181	611.30	.01500	(362)
318	472.5	15959619	.00727	245	183.74	.00182	01:.3Ü	.91512	(335)
239	642.5	21345287	.00727	242	180.02	.00185	611.30	.01840	(538)
311	263.5	8673539	.00727	239	177.79	.00187	o11.30	.01857	(390)
256	333.0	10912236	.00727	238	176.72	.00188	611.30	.01865	(391)
427	605.5	19818703	.00727	238	176.45	.00188	611.3Ü	.01848	(8917
273	780.0	25426604	.00727	237	175.48	.00189	611.30	.01875	(392)
									4.41 PL



						•			
360	301.0	9793442	.00727	237	175.03	.00189	₀11.3Ū	.01879	(393)
448	<i>ა</i> ბ6.5	12565908	.00727	236	174.85	.00189	611.50	.01881	(293)
405	750.1	24012707	.00727	233	171.22	.00192	611.30	.01910	(390,
488	325.5	1042257e	.00727	232	179.56	.00193	611.50	.01915	(397,
325	711.5	22685326	.00727	232	170.29	.00193	ĕ11.39	.01917	(397)
442	378.1	12033020	.00727	231	169.86	.00193	611.30	.01921	(397)
293	303.0	9611881	.00727	231	169.11	.00154	611.3Ū	.01527	(398)
237	643.0	20389821	•00727	231	169.02	.00194	611.30	.01928	(295)
238	208.5	6589196	.00727	250	168.24	.00195	611.30	.01934	(377)
389	691.5	21804853	.00727	229	167.73	.00195	611.50	.01939	(399)
384	248.5	7832754	.00727	229	167.64	.00195	611.30	.01939	(359)
412	529.0	16625938	.00727	228	166.98	.00196	611.3Ū	.01945	(400)
365	907.6	30396330	.00727	228	166.87	.00196	611.30	.01945	(486)
327	522.4	16406838	.00727	228	166.82	.00196	611.30	.01746	(400)
307	Ž68.Ū	8402979	.00727	228	160.44	.00190	611.3Ü	.61959	(4517
479	257.5	8011564	.00727	226	164.68	.00198	611.30	.01905	(402)
509	215.5	<u> 6639020</u>	.00727	224	162.46	.00290	611.30	.01984	(464)
252	482.ü	14828157	.00727	224	162.14	.00200	611.3Ū	.01787	(495
481	375.8	11538558	.00727	223	161.71	.00200	611.30	.01991	(405)
40Û	742.Ū	22721326	.00727	223	161.11	.00201	611.30	.01990	(495)
49Ū	794.5	2411857ú	.00727	221	159.18	.00203	611.30	.02014	(407)
272	547.0	16303704	.00727	217	155.18	.00206	611.30	.02051	(411)
433	199.5	5904453	.00727	215	153.65	.00208	611.30	.02055	(412)
400	251.ū	7410261	.00727	215	153.12	.00208	611.30	.02071	(413)
304	900.0	26287915	.00727	212	150.84	.00211	611.30	.02093	(415)
462	409.5	11708442	.00727	208	146.35	.00215	611.30	.02138	(417.
254	942.5	26858120	.00727	207	145.66	.00216	611.30	.02145	(420)
417	972.5	27121605	.00727	203	141.24	.00221	611.30	.02192	(424,
240	481.7	13391946	.00727	202	140.61	.00221	611.30	.02199	(424)
376	541.1	15009149	.00727	202	140.15	.00222	611.30	.02204	(425)
410	596.7	16547315	.00727	202	140.10	.00222	611.30	.02204	(425)
398	412.5	11411769	.00727	201	139.61	.00222	611.30	.02210	(425)
25ì	680.2	18322952	.00727	196	154.33	.00 <i>22</i> 8	611.30	.02269	(420)
258	₀20.Ū	16609438	.00727	195	133.25	.00230	611.39	.02282	(431/
380	599.Ū	15865127	.00727	193	131.04	.00232	611.30	.02308	(4:5)
408	539.5	14102673	.00727	179	128.53	.00235	611.30	.02339	(435)
283	177.5	4678351	.00727	190	128.06	.00236	611.30	.02344	(450)
498	391.2	10093058	.00727	188	126.06	.00238	611.30	.02369	(435)
327	710.8	18246068	.00727	187	125.11	.00240	611.30	.02381	(489)
322	413.5	10607277	.00727	186	124.98	.00240	611.30	.02383	(439)
484	891.0	22403318	.00727	183	121.29	.00245	611.30	.02431	(442)
387	388.0	9717134	.00727	182	120.56	.ŪŪ246	611.30	.02441	(445)
346	544.0	13271393	.00727	177	115.85	.00252	611.30	02506	(44 <u>7</u> )
3ū7	334.0	81 27226	.00727	177	115.39	.00253	611.30	.02512	(448)
356	399.5	9711868	.00727	177	115.22	.00253	611.3Ū	.02515	(448)
205	682.ü	16342019	.00727	174	112.69	.00257	611.30	.02551	1456/
411	248.3	5930241	.00727	174	112.12	.00258	611.30	.025e0	(4517
278	310.0	7377076	.00727	173	111.49	.00258	611.50	.02367	14517
Žóō	537.5	12703674	.00727	172	110.31	.00260	611.30	.5258£	1452.
222	430.0	10130318	.00727	171	109.76	.00261	611.30	.02578	(489)
Zĕo	501.0	11701541	.00727	170	108.29	.00263	611.30	.02617	14547
451	220.0	5137652	.00727	170	108.27	.00263	611.30	.02017 .02018	(454)
441	941.0	21871724	.00727	169	107.47	.00265	611.30	.02510 .02530	.~55 <i>/</i>
330	558.6	12531644	.00727	163	101.76	.00274	o11.30	.02722	(469)
					<del>-</del>		V		14001



5ù4	458.0	10224768	.00727	162	100.79	.00276	611.30	.02738	(461)
358	402.5	8809426	·00727	159	97.61	.00281	611.50	.02793	(464)
235	478.5	10184310	.00727	155	93.22	.90289	611.30	.02372	(465)
440	718.0	15156397	.00727	153	91.95	.00271	611.30	.0297c	(457)
577	778.0	16125474	.00727	151	89.17	.00297	oll.30	.02575	(472
211	70 <b>0.</b> 5	14405468	.00727	148	86.72	.00302	oll.50	.02998	(474)
243	486.5	9627717	.00727	144	82.36	.00311	611.30	.03089	(478)
4 <i>2</i> 0	629.0	12260552	.00727	142	80.20	.00316	611.30	.03136	(488)
378	514.5	10000887	.00727	141	79.80	.00316	611.30	.03145	(481)
421	378.5	7262025	.00727	139	77.97	.00321	611.30	.03180	(482)
436	804.7	14945119	.00727	135	73.51	.00331	611.30	.03291	(450)
456	329.5	6018134	.00727	133	71.27	.00337	611.30	.03347	(489)
463	300.0	6517166	.00727	132	70.10	.00340	611.30	.03377	(498)
439	643.7	11642302	.00727	131	69.98	.00340	611.30	.03380	14902
287	726.5	13130877	.00727	131	69.89	.00349	611.50	.03362	1493.
401	781.0	13812733	.00727	129	67.07	.00345	611.3Ū	.03455	(452
288	498.0	8713964	.00727	127	<b>6</b> 5.70	.00352	611.30	.03474	(494)
425	295.5	5133198	.00727	120	64.78	.00354	611.30	.03519	(495)
247	779.5	13523666.	.00727	126	64.62	.00355	611.30	.03524	(495)
342	481.5	8330351	.00727	126	64.27	.00356	611.3Ū	.03533	(475)
341	529.0	9067162	.00727	125	63.10	.00359	611.30	.03566	(475) (476)
337	379.9	6351642	.00727	122	60.04	.00368	611.30	.03365 .03656	(476)
487	პას.ბ	9331237	•00727	121	59.50	.00370	611.50	.03673	(477)
323	577.5	9570873	.ûŪ727	120	58.98	.00371	611.30	.03679	(506,
404	745.Ŷ	12327327	.00727	120	58.64	.00372	611.30	.03659	(586/
343	855.5	14095903	.00727	120	58.28	.00373	ól1.30	.03710	(591)
449	638.Ū	10438211	.00727	119	57.43	.00376	611.30	.03736	(501)
Zŝŷ	667.7	10660544	.00727	116	54.56	.00385	611.30	.03829	(594)
336	887.5	13778108	.00727	113	51.35	.00396	611.50	.03938	(537)
505	312.0	4687727	.00727	109	47.72	•00409	611.3ÿ	.04069	(518)
372	ċŪ1.Ū	8936539	.00727	108	46.59	.00414	611.30	.04111	(511)
335	465.5	6795238	.00727	106	44.62	.00421	611.30	.04188	1513/
247	420.5	6072170	.00727	105	43.47	.00426	611.50	.04223	1514
348	ÿ18.Z	12669100	.00727	100	38.80	.00446	011.39	.04430	,5.4,
454	342.0	4709609	.00727	100	38.60	.00447	o11.30	.04459	.5.5
447	5.045	8766787	.09727	100	38.00	.00449	611.30	.04406	(519)
435	399.0	5411534	.00727	99	37.09	.00454	611.30	.04507	(520.
390	685.2	9134452	.00727	97	35.41	.00461	611.30	.94586	(522.
344	412.0	5458977	.00727	96	34.82	.00464	611.3Ū	.04614	(522)
340	715.5	9143616	.00727	93	31.40	.00481	611.30	.04784	(525)
246	587.5	7245186	•ūū727	90	28.15	.00499	611.30	.04957	(528)
508	859.0	10519006	.00727	89	27.52	.00502	611.30	.04792	(527)
429	382.5	4662137	.00727	89	27.10	.00505	611.30	.05015	(525)
338	460.9	5609540	.00727	88	26.97	.00505	611.30	.05023	(52);
357	674.0	8068652	.00727	87	25.52	.00514	611.3û	.05106	(5317
466	489.9	5260115	.00727	80	18.01	.00562	611.30	.05589	1533.
337	768.1	8203445	.00727	78	16.13	. 6057ა	611.30	.05724	1540)
203	964.0	9785527	.00727	74	12.29	.შმაშა	ol1.39	.36022	(548,
491	783.ž	7467929	.00727	٥Ŷ	7.81	.90045	á11.30	.66411	547,
479	704.5	4835130	.00727	50	-11.61	.00896	611.50	.08907	(5:5)
						*			1881



#### APPENDIX 3 A

FULL STATE FUNDING MODEL
WITH RECAPTURE

BY DISTRICT NUMBER



APPENDIX 3A: FULL STATE FUNDING DATH WITH RECAPTURE PROVISIONS FOR EXCESS WEALTH BY DISTRICT NUMBER

บริจ	FTE	AV 1987	AFM	Revenue	Required		Aid or	Rec. Revenue	SPF a.c	Fencent
			Mean	Per FTE	Revenue to	to USD∋		to Fund Ric	to	Aid at
			Levy	≨ AFM	Fund AFM	w/ APM	Capture	Est. Need	bistrict	Est Need
iűi		22376356	.00727	147.28	67937.79	-85.77	-139%	1175519.35	917.02	80.16%
102		19834212	.00727	249.47	35552.78			353331.40	361.83	59.15%
103		16082626	.00727	518.50	13870.50	-456.99	-743%	137848.15	92.50	15.18%
104		10645149	.00727	377.51	12609.55		-514%	125316.50	233.79	58.24%
200	336.7	30626428	.ū0727	661.28	20710.42		-975%	205824.71	-47.98	-8.1 <i>8</i> %
202		531 48939	.00727	100.73	235958.51		-64%	4082761.23	963.57	90.54%
203	Ÿ64.0	9785527	.00727	73.80	59295.64		-20%	589293.20	537.50	87.73/.
204	2073.0	31441142	.00727	110.26	127510.23		-75%	2206293.90	954.94	39.64%
2ū5	ó82.0	16342019	.00727	174.20	41949.82		-183%	416900.60	457.10	71.50%
ZŪÓ	506.0	17447915	.50727	250.68	31124.06		-308%	309317.80	360.62	58.99%
208	607.5	24312310	.00727	290.95	37367.32		-373%	271364.75	520.35	52.41%
209	145.3	61573700	.00727	3080.80		-3019.29	-4909%	88821.89	-2467.50	-403.98%
21 ū	897.5	172138611	.00727	1394.37		-1332.86	-2167%	548641.75	-783.07	-128.10%
211	706.5	14405468	.00727	148.23	43456.81		-141%	431883.45	468.07	75.75%
212	203.5	6991725	.00727	249.78	12517.28		-306%	124399.55	301.52	59.14%
213	128.0	6173979	.00727	350.66	7873.28		-470%	78246.40	200.64	42.04%
214	1500.1	149167192	.00727	722.92	92271.15		-1075%	1596556.43	341.38	32.03%
215	685 <b>.</b> 0	138878750	.00727	1473.94		-1412.43	-2296%	418740.50	-862.64	-141.12%
210	254.5	44148764	.00727	1261.15		-1199.64	-1959%	155575.85	-649.85	-106.3.%
217	216.ŭ	57832171	.00727	1946.48		-1884.97	-3064%	132040.80	-1335.18	-218.42%
218	596.0	45462536	.00727	554.55	36659.96		-80 <i>Z</i> %	364334.80	56.75	9.28%
219	203.5	147747.57	.00727	527.81	12517.28		-758%	124399.55	83.49	13.00%
229	237.7	28655649	.00727	876.43	14620.93	-814.92	-1325%	145306.01	-205.13	-43.37%
221	172.5	8866507	.00727	373.68	10610.48	-312.17	-508%	105449.25	237.62	35.57%
222	430.0	10130318	.00727	171.27	26449.30	-107.76	-178%	262857.00	440.03	71.98%
223	384.5	18078945	.00727	341.83	23650.59	-280.32	-455/.	235044.65	207.47	44.06%
224	403.4	16741572	.00727	301.71	24813.13	-240.20	-391%	246598.42	309.59	50.04%
225	107.0	10773754	.00727	463.46	10395.19	-401.95	-655%	103309.76	147.54	24.18%
226	401.5	58155719	.00727	1053.03	24696.26	-991.52	-1612%	245436.95	-441.73	-72.26%
227	243.5	17112382	.00727	510.91	14977.68	-449.40	-731%	148851.55	100.37	16.42%
228	139.0	10641709	.00727	556.58	8549.89	-495.07	-805%	84970.70	54.72	8.75%
229	6595.0	168667464	.00727	185.93	405658.45	-124.42	-202%	7019058.50	878.37	82.53%
230	1212.5	12795266	.00727	76.72	74580.88	-15.21	-25%	1290463.75	987.58	92.79%
231	1656.2	31601966	.00727	138.72	101872.86	-77.21	-126%	1762693.66	925.58	86.97%
232	1651.8	20937425	.00727	92.15	101602.22	-30.64	-50%	1758010.74	972.15	934%
233	12139.6	216122462	.00727	129.43	746706.80	-67.92	-110%	12920176.28	934.87	87.84%
234	2046.5	35288463	.00727	125.36	125880.21	-63.85	-104%	2178039.95	938.94	88.22.
235	478.5	10184319	.00727	154.73	29432.53	-93.22	-152%	292507.05	456.57	74.05%
237	643.0	20389821	.90727	230.53	39550.93	-169.02	-275%	393065.50	360.77	52.27/.
238	208.5	65591 <i>9</i> 6	.00727	229.75	12824.83	-168.24	-274%	127456.05	381.55	62,425.
239	642.5	21345287	.00727	241.53	39520.17	-180.02	-293%	392760.25	367.77	où . 47%
240	461.7	13391946	.00727	202.12	29629.37	-140.61	-229%	294463.21	409.18	50.544
241	322.0	14164056	.00727	319.79	19806.22	-258.28	-420%	196638.60	291.51	47.6%
242	108.5	8207005	.00727	549.91	6673.84	-488.4û	-794%	66326.05	61.37	10.04%
243	486.5	9627717	.00727	143.87	29924.61	-82.36	-134%	297397.45	467.43	70.46%
244	765.6	493247327	.00727	4683.79	47692.06	-4622.28	-7515%	468011.28	-4072.47	-006.27%



245	319.5	11637231		264.80		-203.29	-330%	195010.35	346.50	ão.o3%
246	587.5	7245186		89.66	36137.12	-28.15	-46%	359138.75	521.64	85.33%
247	779.5	13523666		126.13	47947.04	-64,62	-105%	476508.35		79.37.
248	1039.0	16466831		115.22	63908.69	-53.71	-87%	1105807.70		89.17%
249	420.5	6072170	.00727	104.98	25864.95	-43.47	-71%	257051.65		82.83%
250	29ûŸ <b>.</b> û	44687539	.00727	111.68	178932.59	-50.17		3096048.70		87.51%
251	680.2	18322952	.00727	195.84	41839.10	-134.33		415806.26	415.45	07.70%
252	482.û	14828157	.00727	223.65		-162.14		294046.60	387.65	03.41%
253	4460.5	82945104	.00727	135.19	274365.35			4747310.15	929.11	87.30%
254	802.0	38090956	.00727	345.29	49331.02	-283.78		490262.60	266.01	43.52%
255	314.0	21866431	.00727	506.27		-444.76		191948.20	105.03	17.18%
258	333.0	10912236	.00727	238.23		-176.72		203562.90	373.07	61.03%
257	1746.0	29248558		121.79	107396.46			1858267.80	542.51	88.56%
258	620.0	16609438		194.76	38136.20			379006.00	416.54	oč.14%
259	45306.5	1110929480		186.23	2667596.44			46157094.55	878.07	82.50%
Zoù	5296.8	144884706		202.30	320270.27			5541597.24	862.00	80.97).
261	3117.8	41372600		96.47	191775.88			3318274.54	967.83	90.94%
262	1882.0	24968380		96.45	115761.82			2003012.60	767.63 967.85	
263	1803.0	16225664		65.42	110902.53			1918932.90		96.94% 33.35
264	942.5	26858120		207.17		-145.66			998.88	93.85%
265	1854.7	34073587		133.56				576150.25	404.13	66.11%
266	1740.1	23585193		98.54	107033.55			1973957.21	930.74	87.45.
267	1383.5	22491285		118.19	85079.08			1851988.43	965.70	90.74%
268	537.5	12703674		171.82				1472459.05	946.11	88.90%
269	188.0	15884436				-110.31		328573.75	459.48	71.69%
270	489.0	26603841		614.25		-552.74		114924.40	-2.95	48%
271	496.0			395.52		-334.01	-543%	298925.70	215.78	35.30%
272	547.0	21274100		380.94	24973.06			248187.80	230.36	37.68%
273	780.0	16303704		216.69		-155.18		334381.10	394.61	64.55%
274		25426604		236.99				4/6314.00	374.31	61.23%
	475.5	24746636		378.36	29248.00	-316.85		290673.15	232.94	38.11%
275 270	108.5	10255602		687.17	6673.84			66326.65	-75.67	-12.41%
278 275	310.0	7377076	.00727	173.00	19068.10	-111.49		189503.00	438.30	71.794
279	198.5	7587161	.00727	277.83	12209.73	-216.37	-352%	121343.05	333.42	54.54%
250	124.0	5466891	.00727	496.41	7627.24	-434.90	-707%	75801.20	114.69	18.8%.
281	504.6	23635372	.00727	340.53	31037.95	-27ÿ.02	-454%	308451.98	276.77	44.27%
282	446.9	17021619	.uú727	276.90	27488.82	-215.39	-350%	273189.97	334.40	54.70%
283	177.5	4628351	.00727	189.57	10918.02		-208%	108505.75	421.73	o8.99%
284	540.5	25153780	.00727	338.06	33246.15	-276.55	-450%	330407.65	273.24	44.76%
285	202.0	7198490	.00727	259.07	12425.02	-197.56	-321%	123482.60	352.23	57.62%
286	501.0	11701541	.00727	169.8ū	30816.51	-108.29	-176%	306261.30	441.50	72.22.
287	726.5	13130877	.00727	131.40	44687.01	-69.89	-114%	444109.45	479.90	78.50%
268	498.0	8713964	.00727	127.21	30631.98	<b>-</b> 65.70	-107%	304427.40	484.09	79.19%
289	667.7	10660544	.00727	116.07	41070.23	-54.56	-89%	408165.01	495.23	81.01%
ZYÜ	2135.5	34355026	.00727	116.95	131354.60	-55.44	-ŶŨ%	2272812.65	947.35	89.01%
271	147.5	7945040	.00727	391.60	9072.73	-330.09	-537%	90166.75	219.70	35.94.
292	210.5	10759041	.00727	371.58	12947.85	-310.07		128078.65	239.72	39.21%
293	320.5	13817096	.00727	313.42	19713.95		-419%	195921.65	297.88	48.73/.
274	582.5	22948867	.00727	286.42	35829.57		-366%	356682.25	524.5E	53.15%
295	119.3	5762856	.00727	351.03	7341.22		-471%	72958.65	200.27	42.58%
Z <del>7</del> 7	419.0	14668970	.00727	254.52	25772.69		-314%	256134.76	356.78	58.36%
Ž98	401.0	16080733	.00727	327.80	24665.51		-433%	245131.30	283.50	40.38%
299	208.5	18069184	.00727	630.04	12824.83		-924%	127456.05	-18.74	-3.67%
300	420.5	31364357	.00727	542.26	25864.95		-782%	257051.65	69.04	11.29%
501	91.ū	10940580	.00727	874.û4		-812.53		55628.30	-262.74	
		, 10009	144171	VI 1107	20/1.41	014.00	-1321/	J3678.30	-202./4	-42.98/



302		12492110		444.10	12578.8	0 -382.59	-622%	125010.85	167.20	27.35%
303		21912017	00727	493.95		7 -432.44		197144.25	117.35	17.25%
504	123.5	9767700	.00727	574.99		8 -513.48		75495.55	30.31	5.94%
305	6675.8	130025743	.00727	141.60	410628.4			7105053.94	922.73	66.76%
306	657.1	27173399	.00727	300.64		2 -239.13		491685.23	310.65	
367	334.0	8127228	.00727	176.90		4 -115.39		204174.20	454.40	50.82%
308	4897.3	111820437		166.00		2 -104.49		5212196.39	898.30	71.96% 64.519
309	1472.5	33118199		163.51		7 -102.00	-166%	1567181.75		84.46%
310	516.0	19147276		269.77	31739.16		-335%	315430.80	900.79	84.64%
311	263.5	8673539		239.30		7 -177.79	-285%		341.53	55.87%
312	1123.5	31188521		201.82		-140.31	-228%	161077.55	372.00	o0.85%
313	2145.5	45166262		153.05	131969.70		-149%	1195741.05	862-48	61.04%
314	149.5	10055999		489.01		-427.50		2283455.65	711.25	85.e <i>2/</i> .
315	1210.5	33323302		200.13	74457.85		-695%	91389.35	122.27	20.03%
316	142.5	7260366		370.41	8765.17		-225% 500%	1288335.15	864.17	61.29%
517	73.5	4578880		452.90			-502%	87110.25	240.69	37.41%
318	472.5	15939619		245.25	4520.98		-636%	44930.55	158.40	25.91%
320	1176.1	19083197			29063.47		-299%	288839.25	366.05	59.86%
321	1009.1	224298706		117.96	72341.91		-92%	1251723.23	946.34	88.92%
322	413.5			1615.95		-1554.44	-2527%	1073985.13	-551.65	-51.83%
323	577.5	10607277	.00727	186.49		-124.98	-203%	252772.55	424.81	67.45%
324	108.9	9570873		120.49	35522.03		-96%	353025.75	470.81	80.29%
325		6117627	.00727	264.73	10333.68		-330%	102698.40	346.57	56.69%
325 326	711.5	22685326	.00727	231.80	43764.36		-277%	434939.95	279.50	62.03%
	227.5	13756829	.00727	439.61		-378.10	-615%	139070.75	171.69	28.37%
327 555	710.8	18246068	.00727	186.62		-125.11	-203%	434512.04	424.68	69.47%
328	475.5	44532540	.00727	680.87	29248.00		-1007%	290673.15	-69.57	-11.36%
329	522.4	16406838	.00727	228.33	32132.82		-271%	319343.12	382,97	02.65%
330	558.0	12531644	.00727	163.27	34322.58		-165%	341105,40	448.03	73.29%
331	1098.7	51413011	.00727	340.20	67581.04	-278.69	-453%	1169346.41	724.10	68.04%
332	307.0	34561228	.00727	818.44	18883.57	-756.93	-1231%	187669.10	-207.14	-33.88%
333	1354.4	31535351	.00727	169.27	83309.14	-107.76	-175%	1441487.92	695.03	34.15%
334	Zo3.0	11967894	.00727	328.33	16300.15	-266.82	-434%	161594.50	262.97	40.27%
335	465.5	6795238	.00727	106.13	28632.90	-44.62	-73%	284550.15	505.17	62.64%
336	887.5	13778108	.00727	112.86	54590.12	-51.35	-83%	542526.75	498.44	81.54%
337	768.1	8203445	.00727	77.64	47245.83	-16.13	-26%	469539.53	533.00	37.30%
338	460.9	5609540	.00727	88.48	28349.96	-26.97	-44%	281748.17	522.82	55.53%
337	375.9	6351 642	.00727	121.55	23367.65	-60.04	-98%	232232.87	487.75	80.12%
340	715.5	9143616	.00727	92.91	44010.40		-51%	437385.15	518.39	54.86%
541	529.0	9067162	.00727	124.61	32538.79		-103%	323377.70	486.69	79.02%
342	481.5	8330351	.00727	125.78	29617.06		-104%	294340.95	485.52	79.42%
343	855.5	14095903	.00727	119.79	52621.81		-95%	522967.15	491.51	80.46%
344	412.0	5458977	.00727	96.33	25342.12		-57%	251855.60	514.97	84.24%
345	3374.5	78700961	.00727	169.55	207565.49		-176%	3591480.35	894.75	84.07%
346	544.0	13271393	.00727	177.36	33461.44		-188%	332547.20	433.94	
347	378.7	15186857	.00727	291.55	23293.84		-374%	231499.31		70.95%
348	918.2	12669100	.00727	100.31	56478.48		-63%	561295.66	319.75	52.31%
349	283.5	11989551	.00727	307.46	17438.08		-400%		510.99	63,59%
350	429.0	19710461	.00727	334.02	26387.79		-445%	173303.55 242247.76	303.54 377.38	49.76%
351	282.0	26168374	.00727	674.62	17345.82			262247.70	277.28	45.36%
352	1232.0	35033877	.00727	212.63	75780.32		-997% -3444	172386,69	-65.32	-10.36.
353	1884.0	28665817	.00727	110.62			-246%	1311217.60	851.67	80.0Z.
354	222.5	15509823	.00727	506.77	115884.84		-80% -2046	2005141.20	553.68	87.61%
355	552.1	20938582	.00727	275.72	13685.98		-724% 240%	136014.25	104.53	17.16%
356	399.5		.00727		33959.67		-348%	337498.73	335.58	54.90%
242	0//10	7111000	100727	176.73	24573.24	-113.22	-187%	244214.35	434.57	71.69%



357		8068652	.00727	87.03	41457.7	4 -25.52	-41%	412016.20	524.27	55.76%
356		880942	.00727	159.12	24757.7	7 -97.61		246048.25	452.18	73.97%
359		8841247	.00727	302.47	13070.8	3 -240.96		129761.25	398.83	59.52%
360	501.Ù	9793442	00727	236.54		1 -1~5.03		184001.30	374.76	61.31%
361	985.5	38543157	.00727	286.54		2.5.03		602436.15	324.7¢	
362	780.3	101714100		947.66		5 -886.15		476997.59		55.1%,
363		110847385		1330.90		-1269.39			-336.36	-55.02%
364		26287915		212.35		-1209.39 ) -150.84		370142.15	-719.60	-117.72/.
365		30396330		228.38				550170.00	398.95	65.26%
365		19598346				-166.87		591493.88	362.92	62.64%
367	1096.0	15712899		254.43		-192.92		342328.00	35 <b>a.</b> 87	58.38%
368			_	104.23	67414.96			1166472.80	960.07	90.21%
		28356915		142.91	88734.33			1535359.18	921.39	86.57%
369	268.0	8402979		227.95		-166.44		163828.40	353.35	62.71%
371	210.5	10680676		368.88		-307.37	-500%	126679.65	242.42	37.00%
372	oùl.ù	8936539		108.10	36967.51			367391.30	503.20	82.32.
373	3035.7	52972852		126.86	186725.91	-65.35	-106%	5230895.51	537.44	88.08%
374	496.0	41981130		622.86	30139.90	-561.35	-913%	299537.00	-11.55	-1.89%
375	1163.0	43334984	.ŭ0727	270.89	71536.13	-209.38		1237780.90	795.41	74.55%
376	541.1	15009149	.00727	201.66	33283.06		-225%	330774.43	409.64	67.01%
377	778.0	16125474	.00727	150.68	47854.78		-145%	475591.40	460.52	75.35%
378	514.5	19000887		141.31	31646.90		-130%	314513.85	469.99	
379	1561.6	33961009		158.10	96054.02		-157%			76.58%
380	559.0	15865127	.00727	192.55		-131.04		1662010.88	906.20	854%
381	251.5	9115444		263.50	15469.76		-213%	366168.70	418.75	68.51%
382	1324.0	40663939		223.28			-928%	153741.95	347.80	50.90%
363	5848.0	123846961	.90727			-16:.77	-263%	1409133.20	841.02	79.02%
384	248.5	7832754		153.95	359747.39		-150X	0224064.98	910.35	85.54%
365	1564.0		.00727	229.15		-167.64	-273%	151908.05	382.15	o2.51%
		26682188	.00727	124.03	96201.64		-102%	1664565.20	940.27	88.35%
386	288.0	19261054	.00727	259.02	17714.88		-321%	176054.40	352.28	57.63%
387	386.0	9717134	.00727	182.07	23865.88		-196%	237184.40	429.23	70.22%
388	352.5	16940246	.00727	349.38	21682.27	-287.87	-468%	215483.25	261.92	42.85%
389	691.5	21804853	.00727	229.24	42534.17	-167.73	-273%	422713.95	382.06	62.53%
390	141.5	081 5 5 7 <del>7</del>	.00727	350.32	8703.65	-288.81	-476%	80498.95	200.93	42.69%
392	475.5	16147636	.00727	246.88	29248.00	-185.37	-301%	290673.15	364.42	59. ~z/.
373	303.0	9611881	.00727	230.62	18637.53	-169.11	-275%	185223.90	360.65	62.27
354	1233.0	13343104	.00727	78.67	75841.83	-17.16	-28%	1312281.90	985.o3	92.21%
375	354.0	26653509	~00727	532.34	22389.64		-765%	222513.20	78.96	
396	685.2	9134452	.00727	96.92	42146.65		-58%	418802.76		12.92.
397	294.5	12842128	.00727	317.02	18114.69		<del>-415%</del>	180027.85	514.58	84.15%
398	412.5	11411769	.00727	201.12	25372.88		-227%		294.28	48.14%
399	170.5	18988252	.00727	809.65		-748.14		252161.25	410.18	67.10%
400	794.5	24118570	.00727	220.69	48869.69			104226.65	-198.35	-32.45%
401	173.0	15502771	.00727	651.47			-259%	485677.85	590.61	۵3.90%
402	1813.5	26096927	.00727		10641.23		-959%	105754.90	-49.17	-6.57%
403	352.0			104.62	111548.38		-70%	1930108.05	959.68	90.17%
404	745.9	17145671	.00727	354.12	21651.52		-475%	215177.60	257.18	42.07%
		12327327	.00727	120.15	45880.31		-95%	455968.67	491.15	80.35%
405	750.1	24012707	.00727	232.73	46138.55		-278%	458536.13	378.57	61.9%.
406	480.9	5260115	.00727	79.52	29580.16		-25%	293974.17	531.78	86.991.
407	1232.7	56570307	.00727		75823.38	-272.12	-442).	1311962.51	730.67	69.65%
408	539.5	14102673	.00727	190.04	33184.64	-128.53	-209%	329796.35	421.25	o£.91%
409	1677.1	32278259	.00727	139.92	103158.42		-127%	1784937.53	724.38	do.85%
410	59a.7	16547315	.00727	201.61	36703.02		-228%	364762.71	409.69	67.92%
411	248.3	5930241	.00727	173.63	15272.93		-182%	151785.79	437.67	71.00%
412	529.0	16625938	.00727	228.49	32538.79		-271%	329377.70	382.81	c2.a2/.
		-		• •			1/¢	020011110	302.01	64.02/2



413		3869081		144.77	119513.93	-83.26	-135%	2067934.90	919.53	85.48%
415		2768437	7 .00727	182.95	67667.13	5 -121.44		1170836.45		82.81%
416		1785351.		141.20	62986.24			1089843.20	925.10	85.73%
417		2712160	5 .00727	202.75	59818.47	7 -141.24		594489.25		00.85%
418	2288.3	77023974	4 .00727	244.71		-183.20		2433457.69		77.61%
419		1346938	7 .00727	254.67		-193.16		235044.65		77.01% 38.34%
42ū	629.0	12260552	2 .00727	141.71	38689.79			384507.70	469.59	76.6ZA
421	378.5	726202	5 .00727	139.48	23281.53			231377.05	471.82	77.18%
422	430.0	21407373	3 .00727	361.93		-300.42		262859.00	249.37	
423	426.Ū	15939512		272.02		-210.51		260413.80	337.28	40.79%
424	118.0	13804878	.00727	850.52		-789.01		72133.40	-239.22	55.5%
425	295.5	5133198	.00727	126.29	18176.20			180e39,15	485.01	-39.13%
426	259.Û	9465551		265.69		-204.18		158326.70		79.84%
427	6.5نه	19818703		237.96	37244.31		-	370142.15	345.6:	56.54%
428	3328.9	89728376		195.96		-134.45	-215%		375.34	61.07%
129	382.5	4662137		88.61	23527.58		-44%	3542948.27	868.34	ê: .59h
430	643.7	11642302		131.49		-69.98		293822.25	522.69	85.50%
431	691.Û	27659661		291.01	42503.41		-114% -2724	393493.81	479.51	78.4 <del>7</del> %
432	403.5	13792788		248.51	24819.28		~373%.	422408.30	320.29	52.40%
433	199.5	5904453		215.16		-187.00 -153.65	-304%	246659.55	362.79	59.35%
434	1215.2	14450326		86.45			-250%	121954.35	396.14	64.80%
435	1386.5	25682961		134.67	74746.95		-41%	1293337.36	977.65	91.88%
436	804.7	14945119		135.02	85283.61		-119%	1475651.95	929.63	87.55%
437	3319.6	66379379			49497.10		-120%	491913.11	476.28	77.51%
458	353.8	20919817		145.37	204188.60		-136%	3533050.28	918.93	80.54%
439	399.0	5411534		429.87	21762.24		-599%	216277.94	181.43	ŽŸ , 58%
440	718.ů			98.60	24542.49		-6Ű%	243908.70	512.70	83.87%
441	941.0	15156397		153.46	44164.18		-147%	438913.40	457.84	74.90%
442	378.1	21871724		168.98	57880.91		-175%	575233.30	442.32	72.36%
		12033020		231.37	23256.93		-276%	231132.53	379.93	o2.15%
443	4120.1	91821236		162.02	253427.35		-163%	4385022.43	902.28	δ4.78%
444 =	386.0	25252713		475.61	23742.86		-673%	235961.80	135.69	22.26%
445	2765.6	50707784		133.30	170112.06	-71.79	-117%	2943428.08	931.00	67.48%
446	2343.8	46610250	.00727	144.58	144167.14		-135%	2474505.34	919.72	86.42.
447	ۇ. <u>ئ</u> ۆە	8766787	.00727	99.51	39397.15	-38.00	-62%	351537.65	5:1.79	83.72%
448	360.5	12555708	.00727	236.36	23773.61		-284%	235267.45	374.74	61.33%
449	Ů.8E&	10438211	.00727	118.94	39243.38	-57.43	-93%	390009.40	492.36	80.54%
450	3226.5	54215264		122.16	198462.01	-60.65	-95%	3433953.95	942.14	88.5Z:
451	220.0	5137652		169.78	13532.20	-108.27	-176%	134486.00	441.52	72.23%
452	493.0	65907958		970.73	30361.34	-909.22	-1478%	301737.68	-357.43	-58.80%
453	4260.0	62118557		106.01	262032.60	-44.50	-72%	4533918.00	958.29	90.64%
454	342.0	4709609		100.11	21036.42	-38.60	-63%	209064.60	511.19	83.62%
455	152.5	7198536		343.17	9380.27	-281.66	-458%	93223.25	268.13	43.86%
456	327.5	6018134		132.78	20267.54	-71.27	-116%	201423.35	478.52	78.28%
457	5629.1	153976395	.00727	198.86	346245.94	-137.35	-223%	5991051.13	865.44	61.52%
458	1150.6	14656197	.00727	92.60	70773.41		-51%	1224583.58	971.70	91.30%
459	284.Ū	12266609	.ūū727	314.01	17468.84		-410%	173609.20	297.29	48.63%
400	742.3	22721326	.00727	222.62	45640.42		-262%	453584.60	358.68	63.55 <u>'</u> .
401	761.Ü	13812733	.06727	128.58	48039.31		-105%	477425.30	462.72	78.9%.
462	405.5	11708442	.00727	207.86	25188.34		-236%	250327.35	403.44	ბა.მმ/.
403	360.0	6517166		131.61	22145.60		-114%	229068.00	475.65	78.47%
464	1251.0	17680023		102.74	76949.01		-67%	1331439.30	701.50	70.47% 70.35%
465	2273.1	50910359		162.83	139818.38		-165%	2419260.33	901.47	90.33% 84.79%
466	1102.0	35583300	.00727	234.75	67784.02		-282%	1172858.60	829.55	
467	563.0	28907353		373.28	34630.13		-50 <i>7</i> %	344161.90		77.94% 33.649
	<del>-</del>				0 1000 110	V111//	2017	074101.70	238.02	38.94%



468			.00727	635.27	7319.69	-573.76	-933%	72744.70	-21.77	-3.92%
469			.00727	75.62	89896.86	-14.11		1555474.45		92.59%
470			.00727	140.80	182524.77	-79.29		3158203.82	923.50	8c.77%
471				313.06	9810.84	-251.55		97502.55	298.24	48.79%
473		_	.00727	185.23	74119.55	-123.72	-201%	1282481.59	879.07	82.03%
474				637.09	J980.46			89249.89	-25.79	-4.22%
475		61729817	.00727	68.43	403364.13		-11%	6979360.11	995.87	93.57%
476			.00727	634.02	7504.22		-931%	74578.60	-22.72	-3.72%
477		11989562	.00727	396.20	13532.20		-544%	134486.00	215.10	35.17%
479		8011564	•0ū727	226.19	15838.82		-268%	157409.75	365.11	63.00%
480	3391.0	89826767	.00727	192.58	208580.41		-213%	3609041.30	871.72	81.91%
451	375.8	11538558	00727	223.22	23115.46		-263%	229726.54	588.08	63.48%
482	367.0	20346568	.00727	403.05	22574.17		-555%	224347.10	208.25	34.67%
483		34398913	.ūū727	446.57	34445.60		-626%	342328.50	164.73	26.75%
484	891.0	22403318	.00727	182.80	54805.41	-121.29	-197%	544°63.30	428.50	70.10%
480		741 <del>0</del> 261	.00727	214.63	15439.01	-153.12	-249%	153436.30	395.67	64.89%
487			.00727	121.01	34482.51	-59.50	-97%	342694.78	450.29	80.20%
488		10422576	.00727	232.07	20083.01	-170.56	-277%	199589.45	379.23	62.04%
489	3266.1	80071787	.00727	178.23	200897.81	-116.72	-190%	3476110.23	884.07	83.25%
49ū	2017.Ū	41954725	.ū0727	151.22	124065.67	-99.71	-146%	2146693.10	913.08	65.75%
491	783.2	7467929	.00727	69.32	48174.63	-7.81	-15%	478770.16	541.58	55.06%
472	234.0	11873430	•00727	368.89	14393.34		-500%	145044.20	242.41	57.60%
493	1231.5	27330226	.00727	161.34	75749.57	-99.83	-162%	1310685.45	902.95	84.64%
494	419.0	36458565	.00727	632.59	25772.69		-928%	256134.70	-21.29	-3.48%
495	1092.6	35473062	-00727	236.03	67205.83	-174.52	-284%	1102854.18	828.27	77.82%
470	152.0	10699755		511.76	9349.52	-450.25	-732%	92917.60	99.54	10.23%
497	7637.6	195279705	.0u727	185.83	469911.80	-124.32	-202%	8130826.28	878.47	82.54%
498	391.2	10093058	.00727	187.57	24062.71	-126.06	~205%	239140.56	423.75	65.324
499	704.5	4835130	•ūū727	49.90	43333.79	11.61	19%	45Jo60.85	561.40	91.84%
5ขัช	22131.4	326875449	.00727	107.38	1361302.41	-45.87	-75%	23554449.02	550.92	ε9 <b>.</b> 91%
501	14181.7	325760905	.00727	167.00	872316.37	-105.49	-171%	15093583.31	897.30	84.31%
502	189.0	13071900	.00727	502.82	11625.39	-441.31	-717%	115535.70	168.45	17.75%
593	1957.5	29o2157ü	.00727	110.01	120405.32	-48.50	-75%	2083367.25	954.29	δŷ.οο'.
234	458.0	10224768	.ÛŰ727	162.30	28171.55	-100.75	-164%	279975.40	449.00	73 <b>,</b> 45).
50:	312.0	4687727	.ûū727	109.23	19191.12	-47.72	-73%	190725.60	502.07	82.15%
506	1605.1	26801°02	.00727	121.39	98729.70	-59.88	<del>-</del> 97%	1708307.53	942.91	88.5%
507	382.0	73310481	.00727	1395.21	23496.82	-1353.70	-2165%	233514.60	-783.91	-128.24%
508	859.0	10519006		89.03	52837.09		-45%	525106.70	522.27	85.44%
509	215.5	6639020		223.97	17255.40			131735.	387.33	53.3a%
511	234.0	12919652		401.39	14393.34	-339.88		143044.20	209.51	
512	29068.1	796559111	.00727	199.22	1787978.83	-137.71			865.08	31.28%
•	377755.2	11255101979	.00727	313.00 Mn	24508939.28	-251.49 M	-409% Mn	380998747.19	419.40 Mr	52.05%
									• • •	



### APPENDIX 3 B

# FULL STATE FUNDING MODEL WITH RECAPTURE

BY

AID RATIO

TO FUND THE

AVERAGE PRACTICE MODEL



APPENDIX 38: FULL STATE FUNDING DATA WITH RECAPTURE PROVISIONS FOR EXCESS WEALTH

Arrayed by percent and based on funding the Afti high to lov.

USĪ	FTE	HV 1987	AFM Mean Levy	Revenue Per FTE 3 APM	Required Revenue to Fund AFM	BPP ind To USDs u/ APM	Ald or Cost/ Capture	Required Revenue to Fund R/U Est. Need	EFF and to District	Percent Aid at Est Need
499	704.5	4835130	.00727	49.9û	43333.79	11.61	15%	430660.85	F. 1 AA	50 50
263		16225664	.00727	65.42	110902.53	-3.91	-6%	1918932.90	561.40	ÿ1.84%
475		61729817	.00727	68.43	403364.13	-6.92	-11%	6979369.11	998.88	93.85% 
471		7467929	.00727	69.32	48174.63	-7.81	-13%	478770.16	99 <b>5.</b> 87 541.96	93.57%
203	904.0	9785527	.00727	73.80	59295.64	-12.29	-20%	567273.20	537.50	88.06% 55.66%
467		15202944	.00727	75.62	87876.86	-14.11	-23%	1555474.45		87.98%
230	1212.3	12795266	.00727	76.72	74580.88	-15.21	-25%	1290463.75	988.o5 987.58	92,29.
337	768.1	8203445	.00727	77.64	47245.83	-16.13	-26%	469539.53	533.66	92.79%
394	1233.0	13343104	.00727	78.67	75841.83	-17.16	-28%	1312281.90	985.63	87.36% 88.44
406	48û.9	5260115	.00727	79.53	29580.16	-18.01	-29%	293974.17	551.78	92.61%
454	1215.2	14450326	.00727	86.45	74746.95	-24.94	-41%	1293337.36	977.85	80.99%.
357	674.0	8068652	.00727	87.03	41457.74	-25.52	-41%	412016.20	524.27	91.88% 85.74
338	4cū.ÿ	5 <sub>6</sub> 0954û	.00727	88.48	28349.96	-26.97	-44%	281748.17	522.82	85.76°. 85.58%
429	382.5	4662137	.00727	88.61	23527.58	-27.10	-44%	233822.25	522.19	85.50%
508	859.0	10519008	.00727	89.03	52837.09	-27.52	-45%	525106.70	522.27	65.44%
246	587.5	7245186	.00727	89.66	36137.12	-28.15	-4 <i>6%</i> .	359138.75	521.64	85.33°.
232	1651.8	20937425	.00727	92.15	101602.22	-50.64	-50%	1758010.74	972.15	93.33. 51.34.
438	1150.6	14656197	.00727	92.60	70773.41	-31.09	-51%	1224583.58	971.70	91.30%
340	715.5	9143616	.00727	92.91	44010.40	-31.40	-51%	437385.15	518.39	84.86%
344	412.0	5458977	.00727	96.33	25342.12	-34.82	-57%	251855.60	514.97	84. <i>24</i> %
262	1882.0	24968380	.00727	96.45	115761.82	-34.54	-57%	2003012.60	907.85	50.54%
261	3117.8	41372600	.00727	96.47	191775.88	-34.96	-57%	3318274.54	967.83	70.7-7. 70.54°.
370	685 <b>.</b> 2	9134452	.00727	96.92	42146.65	-35.41	-58%	418862.76	514.38	84.15h
266	1740.1	23585193	.00727	98.54	107033.55	-37.03	-600	1851988.43	965.76	79.74.
439	399.0	5411534	.00727	98.60	24542.49	-37.09	-60%	243908.70	512.70	83.57,
447	5.0%	6766787	.00727	99.51	39397.15	-38.00	-62%	391537.65	511.79	83.72.
454	342.0	4709609	.00727	100.11	21036.42	-38.60	-63%	209064.60	511.19	88.62.
348	918.2	12669100	.00727	100.31	56478.48	-38.80	-63%	501295.00	510.99	83.5%.
202	3836.1	53148939	.00727	100.73	235958.51	-39.22	-64%	4082761.23	963.57	99.54%
464	1251.û	17680023	.00727	102.74	76949.01	-41.23	-67%	1331439.50	9e1.50	50.35%
367	1096.0	15712899	.00727	104.23	67414.96	-42.72	-69%	1160472.80	900.07	90.21%
402	1813.5	26096927	.00727	104.62	111548.38	-43.11	-70%	1930108.05	959.60	70.17.
249	420.5	6072170	.00727	104.98	25864.95	-43.47	<del>-</del> 71%	257051.65	506.32	82.83%
453	4260.0	62118557	.00727	106.01	262032.60	-44.50	-72%	4533918.00	958.29	90.04
335	465.5	6795238	.00727	106.13	29632.90	-44.62	-73%	284560.15	505.17	82.54%
5ûû	22131.4	326875449	.00727	107.33	1551302.41	-45.87	-75%	23554449.02	950.92	37.7:7.
372	<b>601.0</b>	8936539	.00727	108.10	36967.51	-46.59	-76%	367391.30	503.20	82.32.
505	312.0	4687727	.00727	109.23	19191.12	-47.72	-76%	190725.60	502.07	82.13%
503	1957.5	29±21570	.00727	110.01	120405.82	-48.50	-79%	2083387,25	954.29	57.10.
204	2073.0	31441142	.00727	110.26	127510.23	-48.75	-79%	2206293.90	754.04	έÿ.e
353	1884.0	28665817	.00727	110.62	115884.84	-49.11	-80%	2935141.20	953.66	69.61%
250	2909.0	44687539	.00727	111.63	178932.59	-50.17	-82:	3096048.70	952.52	89.511.
336	887.5	13778108	.00727	112.86	54590.12	-5!.35	-83%	542528.75	498.44	81.54.
248	1039.0	16466831	.00727	115.22	83908ء	-53.71	-87%	1105807.70	949.96	57.177.



289		10660544	.00727	116.07	41070.23	-54.56	-89%	408135.01	495.23	81.01%
290		34353026	.00727	116.95	131354.60	-55.44	-50%	2272812,65	947.35	8°.61'.
320		19083197	.00727	117.96	72341.91	-56.45	-> 2½.	1251723.23	540.34	88.92°.
267	1383.5	22491285	.00727	118.19	85099.08	-56.68	-92%	1472459.05	945.11	55.98%
449	638.0	10435211	.00727	118.94	39243.38	-57.43	-95%	390009.40	472.00	89.84%
343	855.5	14075903	.00727	119.79	52671.81	-58.28	-95%	522967.15	491.51	80.40%
404	745.9	12327327	.00727	120.15	45880.31	-58.64	-95%	455968.67	491.15	60.95%
323	577.5	9570873		120.49	35522.03	-58.98	-96%	353025.75	470.81	
487	560.6	9331237	.00727	121.01	34482.51	-59.50	-97%	342694.78	470.29	83.29%
506	1605.1	26801962		121.39	98729.70	-59.88	-97%	1708307.93	942.91	80.20%
339	379.9	6351642		121.55	23367.65	-60.04	-98%	232232.87	489.75	88.59.
257	1740.0	29248558	.00727	121.79	107396.46	-60.28	-98%	1858267.80	942.51	80.12%
450	3226	54215264	.00727	122.16	198462.01	-69.65	-95%	3433963.95	942.14	88.50%
385	1564.0	26682158	.00727	124.03	96201.64	-62.52	-102%	1004565.20		88.52%
341	529.0	ÿū́67162	.00727	124.61	32538.79	-63.10	-102. -103%	325377,70	549.27	ēē.35°.
234	2046.5	35288463	.00727	125.36	125880.21	-63.85	-103% -104%		466.69	79.cZ.
342	481.5	8330351	.00727	125.78	29617.66	-64.27	-104% -104%	2178089.95	938.54	55.22.
247	779.5	13523666	.00727	126.13	47947.04	-64.62		294340.95	485.52	79.4Z.
425	295.5	5133198	.00727	126.29	18176.20		-105% -165%	476503.35	485.17	77.37/.
373	3035.7	52972852	.00727	126.86	186725.91	-64.78	-105%	180639.15	485.01	79.54%
288	498.0	3713964	.00727	127.21	30631.98	-65.35 -65.36	-106%	3230895.51	937.44	89.08.
461	751.Ú	13812733	.00727	128.58		-65.70	-107%	304427.40	484.09	79.15%
233	12139.6	216122462	.00727	129.43	48039.31	-67.07	-10%	477425.3(	482.72	78.97%
267	720.5	13139877	.00727		746706.80	-67.92	-110%	12929176.28	534.87	87.8 <i>4</i> %
430	643.7	11642302	.00727	131.40	44687.01	-69.89	-114%	444109.45	479.90	75.50'.
463	300.0	6517166		131.49	39593.99	-69.58	-114%	373473.81	479.81	78.45%
*456	329.5	6018134	.00727	131.61	22143.60	-70.10	-114%	220068.00	479.67	78.47,
445	2705.6	50707784	.00727	132.78	20267.54	-71.27	-11%.	201423.35	475.52	78.2E.
265	1854.7	34073587	.00727	133.30	170112.06	-71.79	-117%	2943428.03	931.00	87.48.
435	1386.5		.00727	133.56	114082.60	-72.05	-117%	1973957.21	930.74	87.4E.
436	804.7	25682961	.00727	134.67	85283.61	-73.16	-115%	1475651.95	929.63	87.35.
255	604.7 4463.5	14945119	.00727	135.02	49497.1û	-73.51	-1 20%	491913.11	476.28	77.91.
231		82945104	.03727	135.19	274365.35	-73.68	-120%	4747310.15	929.11	87.33.
421	1056.2	31601965	.00727	188.72	101872.86	-77.21	-1 20%	1702695.00	525.5E	ē2,÷".
40ÿ	378.5	7262025	.00727	137.48	23281.53	-77.97	-127%	231377.05	471.62	77E.
470	1677.1	32278259	.00727	139.92	103158.42	-78.41	-1274	1784937.53	924.38	So.35'.
	2907.4	57472165	.00727	140.80	182524.77	-79.29	-125%	3158203.82	923.50	čo.77.
416	1924.0	19888813	.00727	141.20	62986.24	-79.69	-130%	1087843.20	923.10	Se.73'.
378	514.5	10000887	.00727	141.31	31646.90	-79.80	-130%	314513.85	459.77	7c.62%
305	6675.8	190025743	.00727	141.60	410628.46	-80.09	-130%	7105053.94	922.70	50.70%
420	629.0	12260552	.00727	141.71	38689.79	-80.20	-130%	384507.70	469.59	78.8Z.
368	1442.6	28356915	.00727	142.91	88734.33	-81.40	-132%	1535359.18	921.39	80.57%
243	486.5	9627717	.0u727	143.87	29924.61	-82.36	-134%	297397.45	407.43	70.40%
446	2343.8	40610250	.00727	144.58	144167.14	-83.07	-135%	2494506.34	919.72	50.42%
413	1943.0	38690813	.00727	144.77	119513.93	-83.26	-135%	2067934.90	919.53	80.43%
437	3319.6	66379379	.00727	145.37	204188.60	-83.86	-136%	3533850.28	918.93	če . 34°,
101	1104.5	22376356	.00727	147.28	67937.79	-85.77	-15%	1175519.35	917.92	ā2.15'.
211	700.5	14405468	.00727	148.23	43456.81	-86.72	-1414	431883.45	<u>~03.07</u>	75.75%
577	778.0	16125474	.00727	150.68	47854.78	-89.17	-145%	475591.40	400.02	75.551.
450	2017.0	41954725	.00727	151.22	124065.67	-89.71	-140%	2146693.10	715.68	85.7*
313	2145.5	45100262	.00727	153.05	131969.70	-91.54	-145%	2283455.65	911.25	85.sz.
440	718.ŭ	15156397	.00727	153.46	44164.18	-91.5-	-147/.	438913.40	457.84	74.30.
383	5642.6	123846961	.00727	153.95	359747.39	<del>-</del> 92.44	-159%	6224864.	910.35	65.54%
235	478.5	10184310	.00727	154.73	29432.53	-93.22	-152%	272507.35	436.57	74.0%
379	i5ol.6	33961009	.00727	158.10	96054.02	-96.59	-157%	1002010.88	700.20	85.14%
						<del></del>				351470



358		8809426	.00727	159.12	24757.77	-97.61	-159%	246048,25	452.15	73.97%
493	1281.5	27330226	.00727	161.34	75749.57	-99.83	-162%	1313695.45	702.70	54.54%
443	4120.1	91821236	.00727	162.02	253427.35	-100.51	-163%	4385022.43	902.28	84.78%
504		10224768	.00727	162.30	28171.58	-100.79	-164%	279975.40	445.05	73,454
405		50910359	.00727	162.83	139819.38	-101.32	-165%	24:7200.33	501.47	£4.73%
<b>330</b>		12531644	.00727	163.27	34322.58	-101.76	-1 65%	341195.40	443.03	73.27
ĒÙŸ	1472.5	33118199	.00727	163.51	90573.47	-102.00	-166%	1567161.75	908.79	E4.64%
3û8	4897.3	111820437	.00727	166.00	301232.92	-104.49	-170%	5212196.39	898.30	84,42%
501	14181.7	325760905	.00727	167.00	872316.37	-105.49	-171%	15093583,31	897.30	84.31%
441	941.0	21871724	.00727	168.98	57880.91	-107.47	-175%	575233.30	442.32	72.36%
333	1354.4	31535351	.00727	169.27	83309.14	-107.76	-175%	1441487.92	895.03	64.10%
345	3374.5	78700961	.00727	169.55	207565.49	-108.04	-176%	359′ 80.35	894.75	84.27%
451	220.0	5137652	.û0727	169.78	13532.20	-108.27	-176%	134466.00	441.52	72.23%
286	501.0	11701541	.00727	169.8û	30816.51	-1û8.29	-176%	300261.30	441.50	72.22.
222	430.9	10130518	.00727	171.27	26449.30	-109.76	-178%	262859.00	440.05	71.96
ŹÓĞ	537.5	12703674	.ūū727	171.82	33061.62	-110.31	-175%	328573.75	457.48	71.87%
278	ริโซ.บั	7377û76	.00727	173.00	19068.10	-111.49	-181%	189503.00	436.30	71.70%
411	248.3	5930241	.00727	173.63	15272.93	-112.12	-182%	151785.79	437.67	71.69%
205	∆82.Û	16342019	.00727	174.20	41949.82	-112.69	-183%	416906.60	437.10	71 .50%
356	379.5	9711868	.00727	176.73	24573.24	-115.22	-187%	244214,35	434.57	71.05%
3û7	334.0	8127226	.00727	176.9û	20544.34	-115.39	-188%	204174.20	434.40	71.06%
340	544.0	13271393	.û0727	177.36	33461.44	-115.85	-188%	332547.20	433.74	70.5*
489	3200.1	80071 <i>78</i> 7	.00727	178.23	200897.81	-116.72	-190%	3476110.23	886.07	83.25%
387	388.0	9717134	.00727	192.07	23865.88	-120.56	-196%	237184.40	427.23	79.22%
484	891.0	22403318	.00727	182.80	54805.41	-121.29	-197%	544668.30	429.50	79.16%
415	1100.1	27684377	.00727	182.55	67667.15	-121.44	-197%	1170836.43	881.35	82.8.
475	1205.0	39702048	.00727	185.23	74119.55	-123.72	-201%	1252481.50	879.07	82.21%
497	7639.0	195279705	.0û727	185.83	469911.80	-124.32	-202%	8130826.28	878.47	82.54%
229	ბ595.0	168667464	.00727	185.93	405658.45	-124.42	-202%	7019058.50	578.37	92.53%
259	43368.5	1110929480	.00727	186.23	2667596.44	-124.72	-203%	46157094.55	878.07	82,5%.
322	413.5	10697277	.00727	186.49	25434.38	-124.98	-203).	252772.55	424.81	69.49
327	710.8	18246068	.00727	186.62	43721.31	-125.11	-203%	434512.04	424.68	e⁵.47'.
478	351.2	10093058	.00727	187.57	24052.71	-126.06	-205%	239140.75	425.73	39.32.
283	177.5	4628351	.60727	187.57	13518.02	-128.96	-2084	198535.75	421.73	\$1.14%
408	539.5	14102673	.00727	190.04	33184.64	-128.53	-205%	325794.35	4224	e£.51'.
380	599.0	15865127	.00727	192.55	36844.49	-131.04	-2134	300100.70	415.75	65.51
4ชีบ	3391.0	898267 <b>c</b> 7	.00727	192.58	208580.41	-131.07	-213%	3609041.80	871.72	1.30
258	٥20.0	16699438	.00727	194.76	38136.20	-133.25	-217%	379006.00	416.54	c5.14°.
251	ბნს.2	18322952	.00727	155,84	41859.10	-134.33	-218%	415800.20	415.46	67.56.
428	3328.9	89728376	.00727	195.96	204760.64	-124.45	-215%	3542946.27	858.34	81.59
457	5629.1	153976395	.00727	198.86	346245.94	137.35	-223%	5991051.13	865.44	81.524
512	29068.1	796559111	.00727	199.22	1787978.85	-137.71	-224%	30937178.83	865.Û8	81.25%
315	1210.5	33323302	.00727	200.13	74457.85	-138.62	-225%	1288335.15	864.17	81.20%
398	412.5	11411769	.00727	201.12	25372.88	-137.61	-227%	252161.25	410.13	e7.16%
410	596.7	16547315	.00727	201.61	36703.02	-140.10	-228%	364762.71	409.69	e7.924
376	541.1	15009149	.00727	201.66	33283.06	-140.15	-226%	330774.43	407.04	\$7.12.1 \$7.15.1
312	1123.5	31188521	.00727	201.82	o9106.49	-140.51	-228%	1195741.05	802.48	£1.0-'.
240	481.7	13391945	.00727	202.12	29629.37	-140.01	-225%	254463,21	407.15	22.54.
Zoù	5200.8	144284700	.00727	202.30	320270.27	-140.79	-227%	5541597.24	202.00	221741 3.1954
417	972.5	27121695	.00727	202.75	59818.47	-141.24	-250%	594489.25	403.55	02.65%.
264	942.5	22858120	.00727	207.17	57973.17	-145.06	-237%	576150.25	404.13	00.1.1.
402	407.5	11708442	.00727	207.80	25188.34	-145.35	-235%	259327.35	403.44	00.1 00.90%
364	500.0	26287915	.00727	212.35	55359.00	-150.84	-245%	550170.00	37E.95	65.26%
352	1232.0	36933877	.00727	212.63	75780.32	-151.12	-246%	1311217.60	551-67	61.20% 63.82%
	•				. 51 45 146		L-10/1	19:121(150	224 + 44	ev.v.



486		7410261		214.63	15439.01	-153.12	-249%	153436.30	396.67	64.87%
433		5904453		215.16	12271.24	-153.65	-250%	121954.35	390.14	04.c0%
372		16303704	.00727	216.69	33645.97		-252%	334381.10	394.61	64.55%
400	794.5	2411857ü	.00727	220.69	48869.69		-25%	485677.85	370.61	63.73%
400	742.0	22721326	.00727	222.62	45640.42		-202%	453584.60	388.08	03.70%
481	375.8	11538558	.00727	223.22	23115.46		-263%	229726.54	363.08	63.48%
382	1324.0	40663939	.ūū727	223.28	81439.24		-263%	1409133.20	841.02	79.9 <i>2</i> .
252	482.0	14828157	.00727	223.65	29647.82	-162.14	-264%	294646.50	367.65	63.41%
5ü9	215.5	6639020	.00727	223.97	13255.40	-162.46	-264%	131735.15	387.33	63.36%
479	257.5	8011564	.00727	226.19	15838.82	-164.68	-268%	157407.75	365.11	63.86%
367	268.0	8402979	.00727	227.95	16484.68	-166.44	-271%	163828.40	383.55	62.71%
527	522.4	16406838	.00727	228.33	32132.82	-166.82	-271%	319343.12	382.97	62.65%
365	967.6	30396330	.00727	228.38	59517.08	-166.87	-271%	591493.88	382.92	o2.03%
412	529.0	16625938	.00727	228.49	32538.79	-166.98	-271%	323377.70	352.81	62.62%
384	248.5	7832754	.00727	229.15	15285.23	-167.64	-273%	151908.05	382.15	62.5.i.
359	691.5	21804853	.00727	229.24	42534.17	-167.73	-273%	422713.55	382.0s	62.58%
238	208.5	6589196	.00727	229.75	12824.83	-168.24	-274%	127456.05	381.55	62.42%
237	643.0	20389821	.00727	230.53	39550.93	-169.02	-275%	393035.90	380.77	62.29%
393	ວິບິສີ.ບິ	9611881	.00727	230.62	18637.53	-169.11	-275%	185223.90	380.77 380.08	62.27/
442	378.1	12033020	.00727	231.37	23256.93	-169.86	-276%	231132.53	377.93	62.15:
325	711.5	22685326	.00727	231.80	43764.36	-170.29	-277%	434739.95	377.73 379.50	62.13. 62.024
488	326.5	10422576	.00727	232.07	20083.01	-170.56	-277%	199539.45	379.23	62.84%
4û5	750.1	24012707	.00727	232.73	46138.65	-171.22	-278%	458536.13	377.23 378.37	52.04. 51.93%
466	1162.0	35583300	.00727	234.75	67784.02	-173.24	-28 <i>2</i> %	1172858.60	829.55	77.94.
495	1092.6	35473002	.00727	236.03	67205.83	-174.52	-284%	1162854.18	828.27	77.825
448	380.5	12565908	.00727	236.36	23773.61	-174.85	-284%	236267.45	374.94	01.35.
36Ü	501.0	9793442	.00727	236.54	18514.51	-175.03	-285%	184001.50	374.75	
273	780.0	25426604	.00727	236.99	47977.80	-175.48	-285%	476814.00	374.73 374.31	61,81% 41,772
427	605.5	19818703	.00727	237.96	37244.31	-176.45	-287%	570142.15	373.54	61.23% 61.07%
256	333.0	10912236	.00727	238.23	20482.83	-176.72	-287%	203562.90	373.07	
311	263.5	8673539	.00727	239.30	16207.89	-177.79	-289%	161077.55	372.00	61.33%
235	542.5	21345287	.00727	241.53	39520.17	-180.02	-293%	392760.25	372.90 367.77	იშ.85% იშ.48%.
418	2.158.5	77023974	.00727	244.71	140753.33	-183.20	-278%	2455437.69	617.59	77.11.
318	.72.5	15939619	.00727	245.25	29063.47	-183.74	-299%	288839.25	365.83	59.881.
392	475.5	16147636	.00727	246.88	29248.00	-185.37	-331%	290673.15	364.42	57.51.
432	403.5	13792788	.00727	248.51	24819.28	-187.00	-394%	246659.55	352.79	27 (21 )
102	578.0	19834212	.00727	249.47	35552.78	-187.96	-50 <i>6</i> %	353331.40	301.83	5°,,;;,
212	203.5	6991725	.00727	249.78	12517.28	-188.27	-506%	124399.55	301.52	59.14.
205	506.0	17447915	.00727	250.68	31124.06	-189.17	-308%	309317.80	360.62	58.99%
365	560.0	19598346	.00727	254.43	34445,60	-192.92	-314%	342328.00	350.87	58.38%
297	417.Ū	14668970	.00727	254.52	25772.69	-193.01	-31 4%	256134.70	350.78	58.56%
419	584.5	13469387	.00727	254.67	23650.59	-193.16	-314%	235044.85	356.63	58.34%
386	268.0	10261054	.ū0727	259.02	17714.88	-197.51	-321%	176054.40	352.28	57.53%
285	202.0	7198490	.00727	259.07	12425.02	-197.56	-321%	123482.60	352.23	57.a2%
381	251.5	9115444	.00727	263.50	15469.76	-201.99	-328%	153741.95	347.80	56.99%
324	168.0	6117627	.00727	264.73	10333.68	-203.22	-330%	102698.40	346.57	50.77% 51.6%
245	319.5	11637231	.00727	264.80	19652.44	-203.29	-330%	195319.35	546.50	56.5€.
426	257.Ū	9465551	.00727	265.69	15931.09	-204.18	-332%	158326.73	343.61	55.54%
31û	516.Ū	19147276	.00727	269.77	31739.16	-208.26	-339%	315450.59	341.53	55.57%
375	1163.0	43334984	.00727	270.89	71536.13	-209.38	-349%	1237780.90	793.41	33.57% 74.55%
425	420.0	15939512	.00727	272.02	26203.26	-210.51	-34 <i>Z</i> /.	250413.80	773.41 339.28	74.23% 55.56%
355	552.1	20938582	.00727	275.72	33959.67	-214.21	-348%	337498.73	335 <b>.5</b> 8	55.50% 54.90%
282	446.9	17021619	.00727	276.90	27488.82	-215.39	-350%	273189.97	333.36 334.40	54.70%
279	198.5	7587161	.00727	277.88	12209.73	210.37	-352%	121343.05	333.42	
					/110	210101	30 <i>D</i> .	171949109	005.MZ	54.54%



294	582.5	22948867	.00727	286.42	35827.57	-224.91	-366%	356082.25	324.68	53.15%
361	985.5	38843157	.00727	286.54	60618.10	-	-366%	692436.15	324.76	53.13%
ŽÛ8	δΰ <b>?.</b> 5	24312310	.00727	290.95	37367.32		-37S%	371304.75	320.35	52.41%
431	671.0	27659661	.00727	291.01	42503.41	-227.50	-373%	422408.30	320.27	52.40%
347	578.7	15186857	.00727	291.55	23293.84		-374%	231499.31	319.75	52.51%
30a	657.1	27173399	.00727	300.64	40418.22	-239.13	-385%	401685.23	317.60	50.82%
224	403.4	16741572		301.71	24813.13		-391%	246598.42	307.59	50.64%
359	212.5	8841247	.00727	302.47	13070.88		-392%	129901.25	308.83	50.52%
349	283.5	11989551	.00727	307.46	17438.08		-406%	173303.55	305.63 305.84	49.79%
471	159.5	£0£6888	.00727	313.06	9810.84	-251.55	-499%	97592.35	298.24	
293	320.5	13817096	.û0727	313.42	19713.95		-410%	195921.65	297.68	48.79%
459	284.0	12265609	.00727	314.01	17468.84	-252.50	-410%	173721.03 173609.20	297.29	48.73%.
397	294.5	12842128	.00727	317.02	18114.69	-255.51	-415%	180927.85	294.28	45.63%
241	322.û	14164006	.00727	319.79	19806.22	-258.28	-420%	176838.60	274.20	48.147.
298	401.0	18080733	.00727	327.80	24665.51	-266.29	-433%	245131.30		47.65%
334	265.0	11967894	.00727	328.33	16300.15	-266.82	-434%	161994.50	283.59	46.33%
407	1252.7	56570307	.00727	333.63	75823.38	-272.12	-44 <i>2/</i> .	1311952.51	282.97	46.29%
<b>35</b> 0	429.0	19710461	.00727	334.02	26387.79	-272.51	-443%	262247.70	786. <b>6</b> 7	ბნ.ბე% √5.63%
284	540.5	25133780	.00727	338.06	33246.15	-276.55	-450%		277.28	45.364
331	1998.7	51413011	.00727	340.20	67581.04	-278.69	-453%	330407.65	273.24	44.70%
281	504.á	23635372	.00727	340.53	31037.95	-279.02		1169340.41	724.10	63.34%
223	384.5	18078945	.00727	341.83	23650.59	-280.32	-454% -454%	308461.98	276.77	44.29%
455	152.5	7198536	.00727	343.17	9380.27	-281.66	-456% -456%	235044.85	269.47	44.05%
254	802.ú	38090956	.00727	345.29	49331.02	-283.78	-458% ****	93223.25	265.13	43.85%
388	352.5	16940246	.60727	349.38	21682.27		-461%	490252.50	200.01	43.52.
39ú	141.5	6818399	.00727	350.32	8703.66	-287.87 -288.81	-468%.	215483.25	261.92	42.85%
215	128.0	6173979	.00727	350.66	7873.28		-470%	86498.95	260.98	42.6%
295	119.3	5762856	.00727	351.03	7341.22	-289.15 -289.52	-470% -471%	78246.4û	260.64	42.64%
403	352.0	17145671	.00727	354.12	21651.52	-292.61	-471% -474°	72958.65	260.27	42.53/.
422	430.0	21407373	.00727	361.93	26449.30	-300.42	-476% 400%	215177.60	257.18	42.97%
371	210.5	10680676	.00727	368.88	12947.85	-307.42 -307.37	-488% -500%	262859.00	249.37	40.7%
492	234.0	11873430	.00727	368.89	14393.34	-307.38	-500%	128678.65	242.42	37.56.
310	142.5	7260366	.00727	375.41	8765.17		-500%	143044.20	242.41	39.00%
272	2:0.5	10759041	.00727	371.58	12947.85	-308.90 -310.07	-502%	67116.25	240.89	59.41°.
467	505.0	28907353	.00727	373.28	34630.13	-310.07	-504% =534%	123678.65	285.72	37.31.
221	172.5	8866507	.00727	373.63	19619.48	-311.77 -313.47	-507% -505%	344161.50	238.02	15.74.
104	205.0	10645149	.60727	577.51	12609.55	-312.17	-598% =1.4%	105449.25	237.62	38.87!.
274	475.5	24746636	.00727	378.36	29248.00	-316.00 -316.00	-514%	125316.53	239.79	98.24°.
271	40à.ũ	21274100	.00727	580.94	24973.06	-316.85 -319.43	-515%	290673.15	252.74	56.11.
291	147.5	7945040	.00727	391.60	9072.73		-51 <i>5</i> %	248187.80	280.86	37.ed/.
27û	489.0	26603844	.00727	395.52	30078.39	-330.09 -334.01	-537% 547%	90166.75	219.70	35.74%
477	220.0	11989562	.00727	396.20	13532.20	-334.01 -334.69	-545% 543%	298925.70	215.78	35.30%
511	234.0	12919652	.80727	401.39	14393.34	-357.88	-544% -5554	134486.00	215.10	35.19%
482	3a7.Û	20346568	.00727	403.05	22574.17		-553% ===*/	143044.20	209.91	34.54%
438	353.8	20919817	.00727	429.87	21762.24	-341.54 -240.04	<del>-</del> 555%	224347.10	208.25	34.07%
326	227.5	13756829	.00727	437.61	13993.52	-368.36 -379.16	-599%	216277.94	181,43	29.68%
302	204.5	12492110	.00727	444.10		-378.10	-615%	137070.75	171.69	28.99%
485	5áű.ű	34398913	.00727	446.57	12578.80 34445.60	-382.59	-022% 12.17	125010.85	167.29	27.85%
317	73.5	4578880	.00727	452.90		-385.06 -381.38	-62o%	542328.00	164.73	26.95.
225	107.0	10773754	.00727	463.46	4520.93 10395.19	-391.39 -401.05	=536% =√53%	44933.55	155.46	25.91%
444	386.0	25252713	.00727	475.61	23742.86	-401.95	-653%	103309.70	147.84	24.18%
314	149.5	10055999	.00727	489.01	9195.74	-414.10 -427.50	-673% -455%	235961.86	135.69	22.25
303	322.5	21912017	.00727	493.95	9193.74 19836.97	-427.5U	-675% -7874	91389.35	122.29	29.00.
280	124.0	8466891	.00727	496.41		-432.44 -434.60	-703% -703%	197144.25	117.35	19.20%
		IVUUUFU	1007 27	179141	7627.24	-434.90	-707%	75801.20	114.89	16.89%



F-		40								
50		13071900	.00727	502.82	11625.39		-717%	115535.70	108.48	3 17.7E%
25		21866451	.00727	506.27	19314.14		-723%	191948.20	165.03	
35		15509823	.00727	506.77	13685.98		-724/	15:014.25	104.53	
22		17112382	.00727	510.91	14977.68		-731%	148851.55	100.39	
49		10699755	.00727	511.76	9349.52	-450.25	-732%	92917.00	99.54	
10		16082626	.00727	518.50	13870.50	-456.99	-743%	137848.15		
21		14774257	.00727	527.81	12517.28		-758%	124399.55	83.47	
37		26653509	.00727	532.34	22389.64		-765%	222513.20	78.95	
301		31364357	.00727	542.26	25864.95		-782%	257051 65	٥٧٠04	
24.		8207005	.00727	549.91	6673.84		-794%	66326 <b>.</b> 05	61.39	10.04%
213		45462536	.90727	554.55	36659.96		-892%	364334.80	56.75	9.28%
22		10641709	.00727	556.58	8549.89		-805%	84970.70	54.72	2.95%
304		9767700	.00727	574.99	7596.48		-835%	75495.55	35.31	5.74%
269		15884436	.00727	614.25	11563.88		-899%	114924.40	-2.95	42h
37		41981130	.00727	622.86	30139.90	-561.35	-913%	299537.00	-11.56	-1.39%
299		18069184	.00727	53€.04	12824.83		-924%	127456.05	-18.74	-3.07%
494		36458565	.00727	632.59	25772.69	-571.08	-928%	256134.70	-21.29	-3.46%
474	-	10639601	.00727	634.02	7504.22	-572.51	-931%	74578.60	-22.72	-3.72%
468		10396531	.00727	635.27	7319.69	-573.76	-933%	72744.70	-23.97	-3.52%
474		12794336	.00727	637.09	898Ū.46	-575.58	-936%	89249.80	~25.79	-4.22%
401		15502771	.00727	651.47	10641.23	-589.96	-95%	105754.90	-40.17	-0.57%
200		30626428	.00727	661.28	20710.42	-599.77	-975%	205824.71	-47.98	-3.18%
351		20108374	.00727	674.62	17345.82	-613.11	-997%	172586.60	-63.32	-10.30%
328		44532540	.00727	650.87	29248.00	-619.36	-1007%	290673.15	−ċ9.57	-:1.36%
275		10255602	.00727	637.17	6673.84	-625.66	-1017%	გ6326.05	-75.87	-12.41%
214 399		149167192	.00727	722.92	92271.15	-661.41	-1075%	1596556.43	341.38	32.95.
		18988252	.00727	809.65	10487.45	-748.14	-1216%	104226.05	-199.35	-82. <b>-</b> 5.
332		34561228	.00727	818.44	18883.57	-756.93	-1231%	187469.10	-Zŷ7.14	-33.8%.
424		13804876	.90727	850.52	7258.18	-789.01	-1283%	72133.40	-239.22	-39.13%
301	91.0 227.7	10940580	.00727	874.04	5597.41	-812.53	-1321%	55628.30	-262.74	-42.96%
229		28655649	.00727	976.43	14620.93	-814.92	-1325%	145306.01	-265.13	-43.57.
362 452		101714130	.00727	947.66	47996.25	-886.15	-1441%	476997.39	-335.35	-55.62%
220		65907958	.00727	970.73	30361.34	-90 <b>9.</b> 22	-1478%	301737.65	-357.43	-52,8%.
210	401.5	56155719	.06727	1053.03	24676.26	-991.52	-161Z.	245436.75	-441.75	-72.Zci.
363	234.5 005.5	44148764	.00727	1261.15	15554.30	-1197.04	-1956%	155575.85	-649.65	-186.5.%
		110847385	.00727	1330.90	37244.31		-2064%	370142.15	-719.60	-117.7Z.
210 507	897.5	172138611	.00727	1394.37	55205.22		-2167%	548641.75	-783.07	-128.16%
215	382.0 (85.0	73310631	.00727	1395.21	23496.82		-2168%	233516.60	-783.91	-123.24%
321	685.0 1009.1	138878950	.00727	1473.94	42134.35		-2296%	419740.50	-862.64	-141.12%
217		224298706	.00727	1615.95	62069.74		-2527%	1073985.13	-551.65	-51.85%
207	218.0 145.3	57832171 41573700	.00727	1946.48	13286.16		-3064%	132040.80	-1335.18	-218.4Y.
244		61573700 363347337	.00727	3080.20	8937.40		-4909%	88821.89		-403.73%
677	765.6	493247327	.00727	4683.79	47092.06	-46ZZ.28	-7515%	468011.25	-4072.49	-666.29%
	399755.2	11255101979	.00727 M	n 513.00 Mn	24588939.28	-251.49 Mn	-409% Mn	580998747.19	419.40	Mn 52.05%.



### APPENDIX 3 C

# FULL STATE FUNDING MODEL WITH RECAPTURE

BY

AID RATIO
TO FUND THE
NEED MODEL



## APPENDIX 3C: FULL STATE FUNDING DATA WITH RECAPTURE PROVISIONS FOR EXCESS WEALTH

Arrayed by percent aid based on funding estimated need from high to low

บริย		AV 1987	AFM	Kevenue	Required	- 699 Aid	Aìa or	Resulted Revenue to	BFP aid to	Fercent HE DIN
			Mean	Per FTE	Revenue to	To USDs	Cost∕ e	Fund ₹/U	District	Est Need
			Levy	⊋ APM	Fund APM	w/ APM	Capture	Est. Need		
263		16225664	.00727	65.42	110902.53	-3.91	-6%	1918932.50	998.86	93.85%
475		61729817	.00727	68.43	403364.13	-6.92	-11%	6979360.11	995.87	93.57%
469		15202944	.00727	75.62	89896.86	-14.11	-23%	1555474.45	768.68	92.89%
230		12795266	.00727	76.72	7458û.88	-15.21	-25%	1290463.75	967.58	92.79%
394		13343104	.00727	78.67	75841.83	-17.16	-28%	1312281.90	985.63	92.61%
434		14450326	.90727	86.45	74746.55	-24.94	-41%	1293337.36	977.85	91.62.
479		4835130	.00727	49.90	43333.79	11.61	19%	430660.85	501.40	7 .64%
232		20937425	.00727	92.15	101602.22	-30.64	-50%	1758010.74	972.15	71.34%
458		14656197	.00727	92.60	70773.41	-31.09	-51%	1224583.58	971.70	91.30%
262		24968380	.00727	96.45	115761.82	-34.94	-57%	2003012.60	967.85	90.74%
261	3117.8	41372600	.00727	96.47	191775.88	-34.96	-57%	3318274.54	967.83	90.94%
265	1740.1	23585193	.00727	98.54	107033.55	-37.03	-66%	1851988.43	905.76	90.74%
202	3836.1	53148939	.00727	100.73	235958.51	-39.22	-64%	4082761.23	963.57	90.54%
464	1251.0	17656023	.08727	102.74	76949.01	-41.23	-67%	1331439.30	961.50	90.350
367	1096.0	15712899	.00727	104.23	67414.96	-42.72	-69%	1166472.80	960.07	90.21%
402	1813.5	26096927	.00727	104.62	111548.38	-43.11	-79%	1930108.05	959.68	90.17%
453	4260.0	62116557	.09727	106.01	262032.60	-44.50	-72%	4533918.00	958.27	99.84%
500	22131.4	326875449	.00727	107.38	1361302.41	-43.87	<del>-</del> 75%	23554449.02	956.92	89.71%
5û3	1957.5	29621570	.0ú727	110.91	120405.82	-48.50	-79%	2083367.25	954.29	99.66%
2ū4	2073.0	31441142	.00727	110.26	127510.23	-48.75	-79%	2204293.90	954.04	87.64%
353	1884.0	28665817	.00727	110.62	115884.84	-49.11	-80%	2005141.20	933.68	89.ci%
259	2909.0	44687539	.00727	111.68	178932.59	-50.17	-82%	3096048.70	752.62	89.51%
246	1039.0	16466831	.00727	115.22	<b>63908.</b> 89	-53.71	-87%	1105807.70	747.05	87.:7%
290	2135.5	34353026	.00727	116,95	131354.60	-55.44	-99%	2272812.55	747.33	29,023,
3 <b>2</b> 6	1170.1	15083157	.00727	:17.96	72341.9!	-56.45	-92%	1251723.23	940.54	86.72'.
207	1363.5	22491285	.00727	118.19	35099.08	-56.68	-7Z/.	1472459.05	940.11	88.F0
491	785.2	7467929	.00727	69.32	48174.63	-7.81	-13%	478779.16	541.58	88.co',
500	1505.1	26801962	.00727	121.39	98729.70	-39.88	-ÿ7%	1708307.93	942.91	85.5%
257	1746.0	29248558	.00727	121.79	107396.46	-00.28	-98%	1858267.60	942.51	88.5e%
450	3226.5	54215264	.00727	122.16	198462.01	-63.65	-99%	3433963.95	542.14	88,52.
385	1564.0	26682198	.00727	124.03	96201.64	-62.52	-102%	1664565,20	946.27	88.35%
234	2046.5	35288463	.00727	125.36	125880.21	-63.85	-104%	2178089.95	938.94	88.22.
373	3035.7	52972852	.00727	126.86	186725.91	-65.37	-106%	3230895.51	937.44	88.08%
203	964.0	9785527	.00727	73.80	59295.64	-12.29	-20%	589293.20	537.50	87.93%
233	12139.6	216122462	.00727	129.43	746706.80	-67.92	-116%	12920176.28	934.87	£7.84%
445	2765.6	50707784	.00727	133.30	170112.06	-71.79	-117%	2943428.08	931.00	87.48%
265	1854.7	34073587	.00727	133.56	114082.60	-72.05	-117%	1973957.21	980.74	87.45%
435	1386.5	25682961	.00727	134.67	85283.61	-73.16	-119%	1475651.95	929.63	87,35%
537	708.1	8203445	.00727	77.64	47245.83	-16.13	-26%	46 <sup>2</sup> 539.53	533.00	57.3£.
253	4460.5	82745104	.00727	135.19	274365.35	-73.63	-120%	4747310.15	929.1:	87.33%
406	480.9	5260!15	.00727	79.52	29580.16	10.81-	-29%	293974.17	531.78	30.7%
231	1656.2	31001966	.00727	138.72	101872.85	-77.21	-126%	1702093.60	925.58	86.97%
409	1677.1	32278259	.00727	139.92	103158,42	-78.41	-127%	1784937.53	924.38	ōc.85%
470	2767.4	57472165	.00727	140.80	182524.77	-79.29	-129%	3158203.82	923.50	85.77%
410	1024.0	19888813	.00727	141.20	62986.24	-79,69	-130%	1089843.20	923.10	8c.73%



305	6675.8	130025743	.00727	141.60	410628.46	-80.09	-130%	7105053.94	922.70	יותד גם
308	1442.6	28356915		142.91	88734.33	-81.40	-132%	1535359.18	921.39	86.70% 86.57%
446	2343.8	46610250	.00727	144.58	144167.14	-83.07	-135%	2474506.34	919.72	
413	1945.0	38690813	.09727	144.77	119513.93	-83.26	-135%	2067934.90	717.72	85,42% 85,40%
437	3319.6	66379379	.00727	145.37	204188.60	-83.86	-136%	3533050.28	918.73	
lūl	1104.5	22376356		147.28	67937.79	-85.77	-139%	1175519.35	917.02	86.34% 5. 4.7
470	2017.0	41954725	.00727	151.22	124065.67	-89.71	-146%	2140093.10	913.08	50.16% 85.79%
357	674.0	8068652	.00727	87.03	41457.74	-25.52	-41%	412016.20	524.27	85.75%
313	2145.5	45166262	.00727	153.05	131969.70	-91.54	-149%	2283455.65	911.25	
583	5848.6	123846961	.00727	153.95	359747.39	-92.44	-150%	0224004.98	910.35	85.62% 65.≅≈
338	460.9	5609540	.00727	88.48	28349.96	-26.97	-44%	281748.17	522.82	85.54% as say
429	382.5	4662137	.00727	88.61	23527.58	-27.10	-44%	233822.25	522.69	85.58% o= ==v
508	359.6	10519006	.00727	89.03	52837.09	-27.52	-45%	525106.70	522.27	85.50%
240	567.5	7245186	.00727	89.56	36137.12	-28.15	-46%	359138.75		85.44% SE 35%
37 <del>9</del>	1501. <del>6</del>	33961007	.00727	158.10	96054.02	-96.59	-157%	1662010.23	521.64	85.83% 58.53%
493	1231.5	27530226	.00727	161.34	75749.57	-99.83	-162%	1310585.45	905.20 663.64	63.14°,
340	715.5	9143616	.00727	. 92.91	44010.40	-31.40	-51%	437385.15	902 <b>.</b> 96	84.64).
443	4120.1	91821236	.00727	162.02	253427.35	-100.51	-163%	4385022.43	518.37	34.80%
465	2273.1	50910359	.00727	162.83	139818.38	-101.32	-165%	2419260.33	992.28	34.76%
309	1472.5	33118199	.00727	163.51	90573.47	-102.0ū	-166%		901.47	84.70%
308	4897.3	111820437	.00727	166.00	301232.92	-104.49	-170%	1567181.75	900.79	34.64%
501	14151.7	325760905	.00727	167.00	872316.37	-105.49	-171%	5212196.39	898.30	84.40%
344	412.0	5458977	.00727	96.33	25342.12	-34.82	-1717. -57%	15093583.31	897.30	ε÷.31%
398	665.2	9134452	.00727	96.92	42146.65	-35.41		251855.60	514.97	84.24%
333	1354.4	31535351	.00727	169.27	83309.14	-107.76	-58% -1.78%	418862.76	514.36	84.15%
345	3374.5	78700761	.00727	167.55	207565.49	-107.76	-175%	1441487.92	895.03	84.16%
439	399.0	5411534	.00727	93.60	24542.49	-37.09	-176%	3591480.35	894.75	84.074
447	640.5	8766787	.00727	99.51	39397.15	-38.00	-69% -62%	243908.70	512.70	83.871
454	342.0	4707609	.00727	100.11	21036.42	-38.60	-63%	391537.65	511.79	83.7 <i>Z</i> /.
348	918.2	12669100	.00727	100.31	56478.48	-36.60 -38.80	-63% -63%	209064.60	511.19	93.52%
489	3266.1	S0071787	.00727	178.23	200897.81	-116.72	-637. -1 70%	561295.66	510.99	83.59%
249	420.5	6072170	.00727	104.99	25864.95	-45.47	-170% -71%	3476110.23	886.97	85.25%
415	1100.1	27684377	.00727	182.95	67667.15	-121.44	-197%	257051.65	506.32	82.53%
335	405.5	6795238	.00727	106.13	28632.99	-44.62		1170836.45	881.35	82.8.%
473	1205.0	30702048	.00727	185.23	74119.55	-123.72	+78% +26.05	28+5a0.15	505.17	82.54.
497	7639.6	195279705	.00727	185.83	469911.80	-124.32	-201% -202%	1282481.50 8130826.28	879.07	82.5X.
229	ە595.0	168667464	.00727	185.93	405658.45	-124.42			878.47	82.54%
259	45308.5	1110929480	.00727	186.23	2667596.44	-124.72	-202% -202%	7019052.50	678.37	82 <b>.</b> 53%
372	ōŪ1.Ū	8936539	.00727	108.10	36967.51	-46.59	-205% -76%	46157094.55	878.07	92,50%
595	312.0	4687727	.00727	109.23	19191.12	-47.72	-78%	367391.30	503.20	82.32%
480	3391.0	87826767	.00727	192.58	208580.41	-131.07	-70% -213%	199725.60 3609041.30	502.07	82.1 <i>3</i> %
428	3328.9	89728376	.00727	195.96	204760.64	-134.45	-215% -215%	3542948.27	871.72	81.51%
336	887.5	13778108	.00727	112.86	54590.12	-51.35	-217% -83%	542528.75	808.34	81.59%
457	5629.1	153976395	.00727	198.86	346245.94	-137.35	-225%	5991051.13	498.44	81.54%
	29068:1	796559111	.90727	199.22	1787978.83	-137.71	-224%	30937178.83	865.44	81.32%
315	1210.5	33323302	.00727	200.13	74457.85	-138.62	-225%		855.08	81.284
312	1123.5	31188521	.00727	201.82	69106.49	-140.31	-228%	1288335.15	864.17	81.20%
259	607.7	10000544	.00727	116.07	41070.23	-140.51 -54.55	-226% -85%	1195741.05	862.43	81.14% 34.34%
Zoû	5296.8	144884706	.00727	202.30	320270.27	-140.79	-87% -229%	408155.01 5545507 04	495.23	81.51%
449	638.0	10438211	.00727	118.94	39243.38	-140.79 -57.43	-227% -93%	5541597.24	862.09	51.77%
343	855.5	14075903	.00727	119.79	52621.81	-58.28		390009.40 5333.7 (5	492.30	80,844 30,844
404	745.9	12327327	.00727	120.15	45880.31	-55.26 -58.64	-95% -95%	522967.15	491.51	50,46% 10,151
325	577.5	9570873	.00727	120.49	35522.03	-58.98	-75% -96%	455966.67	491.15	80.35% 53.55%
487	560.6	9331237	.00727	121.01	33322.03 34482.51	-59.75 -59.50		353025.75	490.61	80.29%
		, 441 FA!	100121	171.01	J170Z.JI	-07.50	-97%	342694.78	490.29	86.23.



337		6351642	.00727	121.55	23367.65	-60.04	-98%	232232.87	489.75	80.12%
352		36033877	.00727	212.63	75780.32	-151.12	-246%	1311217.00	851.67	80.12% 80.02%
341	529.0	9067162	.00727	124.61	32538.79	-63.10	-103%	323377.70	430.67	79.6Z).
342	431.5	8330351	.00727	125.78	29617.06	-64.27	-104%	254340.75	453.52	77.42.
247	779.5	13523666	.00727	126.13	47947.04	-64.62	-195%	476598.35	465.17	77.427
425	295.5	5133198	.00727	126.29	18176.20	-64.78	-105%	180637.15	465.51	
288	498.0	8713964	.00727	127.21	30631.98	-65.70	-107%	304427.40	464.09	79.34% 77.34%
382	1324.0	40663939	.00727	223.28	81439.24	-161.77	-263%	1409153.20		77.15%
461	781.0	13812733	.00727	128.58	48037.31	-67.07	-109%	477425.30	841.02	79.02%
287	726.5	13130877	.00727	131.40	44687.01	-69.89	-114%		482.72	78.97%
430	645.7	11642302	.00727	131.49	39593.99	-69.98	-114%	444109.45 3 <b>9</b> 3493.81	479.90	78.50%
463	360.0	6517166	.00727	131.61	22143.60	<del>-</del> 70.10	-114%		479.81	76.49%
456	329.5	6018134	.00727	132.78	20267.54	-71.27	-116%	220068.00	479.69	78.47%
406	1102.0	35583300	.00727	234.75	67784.02	-173.24		201423.35	478.52	73.26%
435	804.7	14945119	.00727	135.02	49497.10	-73.51	-282%	1172858.60	629 <b>.</b> 55	77.94%
495	1092.6	35473062	.00727	236.03	67205.83	-73.31 -174.52	-126%	491713.11	475.28	77.717
421	378.5	7262025	.00727	139.48	23281.53		-284%	1102554.15	828.27	77.624
418	2258.3	77023974	.00727	244.71	140753.33	-77 <b>.9</b> 7	-127%	231377.05	471.82	77.18%
378	514.5	10000887	.00727	141.31		-183.20	-298%	2435437.69	\$19.59	77.31%
420	629.0	12260552	.00727		31646.90	-79.80	-130%	314513.85	469 <b>.99</b>	7o.88%
243	486.5	9627/17		141.71	38689.79	-80.20	-130%	384507.70	469.59	75.82%
211	790.5	14405468	.00727	143.87	29924.61	-82.36	-134%	297397.45	467.43	76.46%
377	798.0 778.0		.00727	148.23	43456.81	-86.72	-141%	431883.45	405.07	75.75%
377 440	718.0	16125474	.00727	150.68	47854.78	-8 <b>7.1</b> 7	-145%	475591.40	460.62	75.35%
235	478.5	15156397	.00727	153.46	44164.18	-91.95	-149%	438913.40	457.84	74.56%
		10154310	.00727	154.73	29432.53	<b>-93.</b> 22	-152%	292507.05	456.57	74.57.
375 355	1163.0	43534984	.00727	270.89	71536.13	-209.38	-340%	1237780.90	793.4:	74.55%
358 504	402.5	8809426	.00727	159.12	24757.77	-97.61	-15%	246948.25	452.16	73.77)
504	458.0	10224768	.00727	162.30	28171.58	-100.79	-164%	279975.40	449.06	73.45%
330 144	558.0	12531644	.90727	163.27	34322.58	-101.76	-1 65%	341105.40	448.03	73.29%
441	941.0	21871724	.00727	168.98	57880.91	-107.47	-175%	575233.30	442.32	72.36%
451	220.0	5137652	.00727	169.78	13532.20	-108.27	-176%	134486.00	441.52	72.23%
266	501.9	11701541	.00727	169.80	30816.51	-108.27	-176%	306261.30	441.50	72,22,
222	430.0	10130318	.00727	171.27	26449.30	-109.75	-178%	202859.00	440.03	71,587,
268	537.5	:2703674	.00727	171.82	33061.62	-110.31	-175%	325572.75	439.48	71.8%.
278	310.0	7377076	.90727	173.00	19068.19	-111.49	-181%	189503.00	428.30	772%
411	248.3	5930241	.00727	178.63	15272.93	-112.12	-182%	151785.79	437.67	71.50.
295	682.0	16342019	.00727	174.20	41949.82	-112.69	-185%	416706.60	437.19	71.5%
356	399.5	9711868	.00727	176.73	24573.24	-115.22	-187%	244214.35	434.57	71.173
307	334.0	8127226	.00727	176.9û	20544.34	-115.39	-188%	204174.20	434.40	71.96%
346	544.0	13271393	.00727	177.36	33461.44	-115.85	-188%	332547.20	433.94	70.79%
387	368.0	9717134	.00727	182.07	23865.88	-120.56	-196%	237154.40	427.23	70.22%
484	891.0	22403318	.00727	182.8û	54805.41	-121.29	-197%	544668.30	425.50	70.13%
322	413.5	10607277	.00727	186.49	25434.38	-124.98	-203%	232772.55	424.81	o7.49%
327	710.8	£8245068	.00727	186.62	43721.31	-125.11	-203%	434512.04	424.58	67.47%
498	391.2	10093058	.00727	187.57	24062.71	-126.06	-205%	239140.56	423.73	67.32%
283	177.5	4625351	.00727	189.57	10918.02	-i28.06	-206%	108595.75	421.73	68.9 <i>8</i> %
408	539.5	14102673	.00727	190.09	33184.64	-128.53	-209%	329790.35	421.20	o8.₹1%
407	1252.7	56570307	.00727	333.63	75823.38	-272.12	-442%	1311952.61	730.57	56.65%
3ชับ	599.0	15865127	.00727	192.55	35844.49	-131.04	-213%	300108.70	416.75	65.50%
258	٥٥٥.0	10009438	.00727	194.76	38136.20	-153.25	-217%	375006.00	410.54	25.30%
331	1098.7	51413011	.00727	340.20	67581.04	-278.69	-453%	1167345.41	724.10	65.84%
251	o80.2	18322952	.00727	195.84	41839.10	-134.33	-218%	415806.25	415.46	05.04% 07.96%
378	412.5	11411769	.00727	201.12	25372.88	-139.61	-227%	252161.25	410.18	67.18%
410	596.7	16547315	.00727	201.61	36703.02	-140.10	-228%	364762.71	407.69	67.32%
			<del>-</del> -			- 44.14		~~~!\\L\!	TV/197	07.02/6



376	541.1	15009149	.ūū727	201.66	33283.06	-140.15	-228%	330774.43	407.64	67.01%
Z4Ū	481.7	13391946	.00727	202.12	29629.37	-140.61	-227%	294463.21	407.04	00.94%
417	972.5	27121605	.09727	202.75	59818.47	-141.24	-230%	594459.25	403.55	66.83%
264	942.5	Zo858120	.00727	207.17	57973.17	-145.66	-237%	574150.25	464.13	00.11%
462	469.5	11708442	.09727	207.86	25188.34	-146.35	-258%	250327.35	463.44	00.00%
304	500.0	26287915	.ūū727	212.35	55359.00	-150.84	-245%	550170.00	398 <b>.</b> 95	65.Z6%
486	251.0	7410261	.00727	214.63	15439.01	-153.12	-249%	153436.30	396.67	64.69%
433	199.5	5904453	.00727	215.16	12271.24	-153.65	-250%	121954.35	370.14	64.80%
272	547.0	16503704	.00727	216.69	33645.97	-155.18	-252%	334381.10	394.61	64.5E%
400	754.5	2411857ü	.00727	220.69	48869.69	-159.18	-25%.	485677.85	390.61	65.70%
460	742.0	22721326	.00727	222.62	45640.42	-161.11	-202%	453584.60	388.68	65.56%
481	375.8	11538558	.00727	223.22	23115.46	-161.71	-263%	229726.54	368.08	63.42%
252	482.0	14828157	.0ū727	223.65	29647.82	-162.14	-264%	294646.60	367.65	63.41%
Ξōÿ	215.5	66390 <i>2</i> 0	.00727	223.97	13255.4ú	-162.46	-264%	131735.15	307.83 387.33	63.30h
479	257.5	5P.1564	.00727	226.19	15838.82	-104.68	-268%	157409.75	385.11	00.00% 05.63%
207	268.0	8402979	.00727	227.95	16484.68	-166.44	-271%	163828.40	383.35	
329	522.4	16406838	.00727	228.33	32132.82	-166.82	-271%	319343.12	363.33 362.97	62.7ii. 62.65%
365	967.0	50 <b>39</b> 6330	.90727	228.38	59517.08	-106.87	-271%	591493.88	382.92	
412	527.Ū	15625938	.00727	228.49	32538.79	-166.98	-271%	323377.70	382.81	62.64% 63.63%
384	248.5	7832754	.00727	229.15	15285.23	-167.64	-273%	151908.05	382.15	o2.o2% ó2.51%
589°	691.5	21804853	.00727	229.24	42534.17	-167.73	-273%	422713.95	382.00	62.50%
238	208.5	6589196	.00727	229.75	.2824.83	-168.24	-274%	127456.05	381.55	
237	<b>ბ</b> 43.0	20389821	.00727	230.53	39550.93	-169.02	-275%	393965.90	380.77	62.42.
393	303.0	9611881	.00727	230.62	18637.53	-169.11	-275%	185223,90		62.29%
442	378.1	12033020	.00727	231.37	23256.93	-169.86	-276%	231132.53	380.68 379.93	62.27%
325	711.5	22685326	.00727	231.80	43764.36	-170.29	-277%	434939.95	377.73 379.50	62.15%
488	325.5	10422576	.00727	232.07	20083.01	-170.56	-277%	199589.45	377.39 379.23	62.65%
405	750.1	24012707	.00727	232.73	46138.65	-171.22	-278%	458536.13	379.23 378.57	62.89.
448	386.5	12565908	.00727	236.36	23773.61	-174.85	-284%	236267.45	374 <b>.9</b> 4	61.53% 41.335
āბÜ	301.0	9793442	.00727	236.54	18514.51	-175.03	-285%	184001.30	374.7a	61.33%
273	780.0	25426604	.00727	236.99	47977.80	-175.48	-285%	476814.00	374.75 374.31	61.31%
427	605.5	19816703	.00727	237.96	37244.31	-176.45	-287%	370142.15	374.31 373.34	61.25%
255	333.0	10912236	.00727	358.23	20482.83	-176.72	-287%	2035a2.90	373.07	61.67%
311	268.5	8673539	.00727	239.39	16207.89	-177.79	-289%	161077.55	372.00	61.63% c0.55°.
239	642.5	21345287	.00727	241.53	39520.17	-180.02	-295%	392750.25	305.77	
2i8	472.5	15939619	.00727	245.25	29043.47	-183.74	-299%	288839.25		58,4₹% #8.55
392	475.5	16147636	.00727	246.88	29248.00	-185.37	-301%	290673.15	366.05 364.42	59.88%.
432	403.5	13792788	.00727	248.51	24819.28	-187,00	-304%	246659.55	362.79	57.61% 50 :5%
102	578.0	19834212	.00727	249.47	35552.78	-187.96	-306%	353331.40	361.83	59.35% 88.55%
212	203.5	6991725	.00727	249.78	12517.28	-188.27	-396%	124399.55	361.52	59.19% 57.14%
20o	50a.ū	17447915	.00727	250.68	31124.06	-189.17	-308%	309317.60	360.62	58.75%
360	560.0	19598346	.00727	254.43	34445.60	-192.92	-314%	342328.00	350.87	56.38%.
297	417.Ū	14668970	.00727	254.52	25772.69	-193.01	-314%	256134.70	356.78	58.36%
419	384.5	13469387	.00727	254.67	23650.59	-193,16	-314%	235044.85	350.03	55.24%.
386	288.0	10261054	.00727	259.02	17714.88	-197.51	-321%	176054.40	352.28	57.65%
285	202.0	7198490	.00727	259.07	12425.02	-197.50	-321%	123482.60	352.23	57.62%
381	251.5	7115444	.00727	263 <b>.</b> 5ū	15469.76	-201.59	-328%	153741.95	347.80	55.9C%
324	168.0	6117627	.00727	264.73	10333.48	-203.22	-330%	102698.40	346.57	33.76% 35.6%
245	319.5	11637231	.00727	264.80	19652.44	-203.29	-330%	195310.35	346.30	50.0% 50.08%
420	257.Û	7465551	.00727	265.69	15731.09	-204.18	-33 <b>2</b> %	158326.70	345.al	50.54%.
310	516.Ū	19147276	.00727	269.77	31739.16	-298.26	-33 <b>%</b>	315430.მს	341.53	55.37%.
423	426.0	15939512	.00727	272.02	26203.26	-210.51	-342%	200413.80	343 339.28	55.50%
355	352.1	20938582	.00727	275.72	33959.67	-214.21	-348%	327498.73	335.58	54.96%
282	440.9	17021619	.00727	276.90	27488.82	~215.3°	-350%	273189.97	334.40	54.75%
							2241	11010/1/1	VVT:70	J711 J/1



279		7587161	.00727	277.88	12209.73	-216.37	-352%	121343.05	333.42	54.54%
294		22948667	.00727	286.42	35829.57	-224.91	-366%	\$5698 <b>2.</b> 25	324.88	53.15%
361		38843157	.00727	286.54	60618.10	-225.03	-366%	602436.15	324.70	55.13%
208		24312310	.00727	290.95	37367.32	-229.44	-373%	571364.75	329.35	52,41%
431	691.0	27659661	.00727	291.01	42503.41	-229.50	-373%	422408.30	326.29	52.46%
347		15186857	.00727	291.55	23293.84	-230.04	-374%	231459.31	319.75	52.31%
306		27173399	.00727	300.64	40418.22	-239.13	-389%	401585.25	310.60	50.82%
224	403.4	16741572	.00727	301.71	24813.13	-240.20	-391%	246598.42	309.59	50.64%
359		8841247	.00727	302.47	13070.88	-240.96	-392%	129901.25	308.83	50.52%
349	283.5	11989551	.00727	307.46	17438.08	-245.95	-400%	173303.55	393.84	49.70%
471	159.5	6868303	.00727	313.06	9810.84	-251.55	-409%	97502.35	298.24	48.79%
293	320.5	13817096	.00727	313.42	19713.95	-251.91	-410%	195921.65	297.88	48.73%
459	254.0	12266609	.00727	314.01	17468.84	-252.50	-410%	173609.20	297.29	40.63%
397	294.5	12842128	.00727	317.02	18114.69	-255.51	-415%	190027.85	254.28	484%
241	322.0	14164066	.00727	319.79	19806.22	-258.28	-420%	19a633.aû	291.5i	404% 47.6%
293	401.9	16080733	.00727	327.80	24665.51	-266.29	-493%	245131.30	283.50	46.38%
334	265.0	11967894	.00727	328.33	16300.15	-265.82	-434%	161994.50	282.97	
350	429.0	19710461	.00727	334.02	26387.79	-272.51	-443%	262247.70	262.77 277.28	90.27%
284	540.5	2513376 <del>0</del>	.ûũ727	338.06	33246.15	-276.55	-450%	330407.65	277.20 273.24	45.36%
281	504.6	23635372	.00727	340.53	31037.95	-279.02	-454%	308461.98	276.77	44.76%
223	384.5	18078945	.00727	341.83	23650.59	-280.32	-456%	235044.85		44.27%
455	152.5	7198536	.00727	343.17	9380.27	-281.66	-458%	233044.63 93223.25	269.47	44.52%
254	ō02.0	38090956	.00727	345.29	49331.02	-283.78	-461%	490262.60	268.15	43.8o%
388	352.5	16940246	.00727	349.38	21682.27	-287.87	-468%	215483.25	256.01	43.524
370	141.5	6818399	.00727	350.32	8703.66	-288.81	-470%	86498.95	261.92	42.85%
213	128.0	6173979	.00727	350.66	7873.28	-289.15	-470%		260.98	42.65%
295	119.3	5762856	.00727	351.03	7341.22	-289.52	-471%	78246.40 72953.65	260.64	42.54%
403	352.0	17145671	.00727	354.12	21651.52	-292.61	-476%	ره. 275177 انه. 215177	260.27	42.59% 42.69%
422	430.0	21407373	.00727	361.93	26449.30	-300.42	-488%	262859.00	257.18	42.07%
371	210.5	10686676	.00727	368.88	12947.85	-307.37	-50 <i>0%</i>	128678.65	249.37	40.75%
492	234.0	11873430	.00727	368.89	14393.34	-307.38	-500% -500%	143044.20	242.42	39.00% 33
310	142.5	7260366	.00727	370.41	8765.17	-308.90	-502½	87116.25	242.41	39.66% 00.44
272	216.5	10759041	.00727	371.58	12947.85	-210.07	-50 <i>4</i> ).	128578.65	240.89 239.72	39.41%
467	503.6	28907353	.00727	373.28	34630.13	-311.77	-597%	344161.90	237.72 238.92	39.2
221	172.5	8866507	.00727	373.68	10610.48	-312.17	-508%	105449.25		38.94.
104	205.0	10645149	.00727	377.51	12609.55	-316.00	-514%	125316.50	257.62 535.70	88.8%.
274	475.5	24746636	.00727	378.36	29248.00	-316.85	-515%	290673.15	235.79	38.24% 33.44%
271	406.0	21274100	.00727	380.94	24973.06	-319.43	-519%	248187.80	232.94	33.17
291	147.5	7945040	.00727	391.60	9072.73	-330.09	-537%	90166.75	230.3 <sub>0</sub>	37.66% 6= 899
270	489.0	26603844	.00727	395.52	30078.39	-334.01	-543%	298925.70	219.70 215.78	35.94%
477	220.0	11989562	.00727	396.20	10532.20	-334.69	-544%	270725.70 134485.00		35.30%
511	234.0	12919652	.00727	401.39	14393.34	-339.68	-553%	143044.20	215.10 209.91	35.17% 34.379
482	367.0	20346568	.00727	403.05	22574.17	-341.54	-555%	224347.10	208.25	84.84% 54.87%
214	1500.1	149167192	.00727	722.92	92271.15	-661.41	-1075%	1596556.43	341.38	54.07%
438	353.8	20919817	.00727	429.87	21762.24	-363.36	-599%	216277.94		32.08% 3034
326	227.5	13756829	.00727	439.61	13993.52	-378.10	-615%	139070.75	181.43 171.69	29.63%
302	204.5	12492110	.06727	444.10	12578:30	-382.59	-622%	125010.85		23.99% 27. 25
483	560.0	34398913	.00727	446.57	34445.50	-385.00	-626%	242328.00	167.20 164.73	27.35.
317	73.5	4576880	.00727	452.90	4520.98	-391.39	-635%	44930,55		26.75%
225	169.0	10773754	.00727	463.46	10395.19	-401.95	-653%	193307.70	155.40	25.91% 34.98
444	366.9	25252713	.00727	475.61	23742.86	-414.10	-673%	295961.80	147.84	24.18%
314	149.5	10055999	.00727	489.01	9195.74	-427.50	-675% -695%	71389.35	135.69 133.30	22.26% 38.32
303	322.5	21912017	.00727	493.95	19836.97	-432.44	-703%	197144.25	122.29	20.03% 15.58%
280	124.0	8466891	.00727	496.41	7627.24	-434.90	-707%	75801.20	117.55	17,20%
					1941147	797170	101/4	7-JOUL-ZU	114.89	18.80%



50	5 (35.5)	10071000			=					
25			.00727	502.82	11625.39	-441.31	-717%	115535.70		
25 35			.00727	506.27	19314.14	-444.76	-723%	191948.20		17.18%
33 22			.00727	506.77	13685.98	-445.26	-724%	136014.25		17.70.
				510.91	14977.58	-449.40	-731%	• 145651.55		16.42%
49,		10699755	.00727	511.76	9349.52	-450.25	-732%	92917.6]		10.25%
10.		10082626	.90727	518.50	13870.50	-456.99	-743%	137848.15	92.90	15.134
219		14774257	.00727	527.81	12517.28	-466.30	-758%	124399.55	83.49	13.00%
37		26655509	.00727	532.34	22389.64	-470.83	-765%	222513.29		12.924
300		31364357	.00727	542.26	25864.95	-480.75	-78Z%	257051.65	69.Û4	11.25%
242		8207005	.00727	549.91	6673.84	-438.40	794%	6ი326.05	61.37	10.04%
218		45462536	.00727	554.55	36659.96	-493.04	-802%	364334.80	50.75	9.28%
228		10641709	.00727	556.58	8549.89	-495.07	-805%	84970.70	54.72	
504		9767700	.00727	574.99	7596.48	-513.48	-835%	75495.55	32.31	
269		15884436	.00727	614.25	11563.88	-552.74	-899%	114724.40		
374		41981130	.00727	622.86	30139.90	-501.35	-913%	299537.00	-i1.5o	
255		18069184	.00727	630 <b>.</b> 04	12824.83	-568.53	-924%	127456.05	-18.74	
494		36458565	.00727	632.59	25772.69	-571.08	-928%	256154.70	-21.2 <del>7</del>	
476		10639601	.00727	634.02	7504.22	-572.51	-931%	74578.60		
468		10398531	.00727	635.27	7319.69	-573.76	-933%	72744.70	-23.97	
474		12794336	.00727	637.09	8980.46	-575.58	-936%	89249.80	-25.79	
401		15502771	.00727	651.47	10641.23	-589.96	-959%	105754.90	-40.17	
200		30626428	.00727	661.28	20710.42	-599.77	<del>-9</del> 75%	205824.71	-49.98	
351		26168374	.00727	674.62	17345.82	-613.11	-997%	172386.60	-63.32	
528		44532549	.00727	ბწს.87	29248.00	-619.36	-1907%	290673.15	-69.57	
275		10255602	.00727	687.17	6673.84	-625.66	-1017%	66326.05	-75.87	-12.41%
379		18988252	.00727	909.65	10487.45	-748.14	-1216%	104226.55	-198.35	-32.45%
332		345c1228	.00727	818.44	18883.57	-756.93	-1251%	187009.10	-207.14	-33.88%
424		13804876	.00727	850.52	7258.18	-789.01	-1283%	72133.40	-239.22	-39.13%
301	91.0	10940580	.00727	874.04	5597.41	-812.53	-1321%	55628.30	-202.74	-42.98
220		28655649	.00727	876.43	14620.93	-814.92	-1325%	145306.01	-265.13	-45.37%
321	1009.1	224298706	.00727	1615.95	62069.74	-1554.44	-2527%	1073985.13	-551.65	-51.63%
362		101714100	.00727	947.66	47996.25	-886.15	-1441%	476997.39	-336.36	-55.62.
452		65907 <b>9</b> 52	.00727	. 970.73	30361.34	-909.22	-1478%	391737.62	-357,43	-58.50,
225	491.5	58155719	.00727	1053.03	24696.26	-991.52	-1612%	245436.95	-441.75	-72.2:
216	254.5	44148764	.00727	1261.15	15654.30	-1197.64	-1950%	155575.85	-549.85	-115.2.
505	605.5	110847385	.00727	1330.90	37244.31	-1269.39	-2064%	370142.15		-117.72%
210	a97 <b>.</b> 5	172138611	.00727	1394.37	55205.22	-1332.86	-2167%	548541.75	-753.07	-125
507	382.0	73310681	.00727	1395.21	23496.82	-1333.70	-2168%	233516.60	-783.91	-125.2-%
215	685 <b>.</b> 0	138878950	.00727	1473.94	42134.35	-1412.43	~2296%	418740.50	-862.64	-141.124
217	216.0	57832171	.00727	1946.48	13286.16	-1884.97	-3064%	132040.80	-1335.18	-215.424
209	145.3	61573700	.00727	3080.80	£937.40		-4909%	88821.89		-403.98%
244	765.6	493247327	.0ú727	4683.79	47092.06	-4622.28	-7515%	468011.28		7000.20%
	399755.2	11255101979	.00727 Mn	313.00 Mn	24588939.28	-251.49 M	n -405% Mn	580998747.19	417.40	Mn 52.05%



#### APPENDIX 3 D

# FULL STATE FUNDING MODEL WITH RECAPTURE

BY

AID RATIO
TO FUND THE
URBAN AND RURAL
NEED MODEL



## APPENDIX 3D: FULL STATE FUNDING DATA WITH RECAPTURE PROVISIONS FOR EXCESS WEALTH

Array by Urban percent aid based on funding the estimated need model from high to low.

USD	FTE	AV 1987	State Mean Levy	Revenue Per FTE 2 Mean	Requirea Revenue to Fund APM	BPP Aid to USDs w/ AFM	Aid or Cost Capture	Requires Revenue to Funa R/U Est. Neea	SFP aid to District Pieed	Percent HIG at Est Neeg
263	1803.0	16225664	.00727	65.42	110902.53	-3.91	-6%	1918932.90	998.88	93.85%
475	6557.7	61729817	.ûû727	68.43	403364.13	-0.92	-11%	6979360.11	770.68 775.87	93.57%
169	1461.5	15202944	.90727	75.62	87896.86	-14.11	-23%	1555474.45	775.67 788.68	73.37% 92.89%
230	1212.5	12795266	.ûû727	76.72	74580.88	-15.21	-25%	1290403.75	787.58	72.57% 72.77%
394	1235.0	13343104	.00727	78.67	75841.83	-17.16	-28%	1312251.90	985.63	72.0%
424	1215.2	14450326	.00727	86.45	74746.95	-24.94	-41%	1293337,36	977.85	72.01% 91.884
232	1051.8	20937425	.ûû727	92.15	101602.22	-30.64	-50%	1758010.74	972.15	91.34.
458	1150.0	14656197	.ûû727	92.60	70773.41	-31.09	-51%	1224583.58	971.70	91.30%
262	1682.0	24968380	.00727	96.45	115761.82	-34.94	-57%	2003012.60	967.85	71.30. 70.74%
201	3117.8	41372600	.00727	96.47	191775.88	-34.96	-57%	3318274.54	907.83	90.94%
265	1740.1	23585193	.00727	98.54	107033.55	-37.03	-60%	1851988.43	707.03 9:5.75	90.74% 90.74%
ŽŪŽ	3830.1	53148939	.00727	100.73	235958.51	-39.22	-64%	4082761,23	963.57	70.7-7. 70.547.
404	1251.0	17580023	.00727	102.74	76949.01	-41.23	-67%	1531437.30	761.5è	70.34% 70.35%
367	1076.0	15712899	.00727	104.23	67414.96	-42.72	-67%	1106472.80	760.07	93.211.
402	1613.5	26096927	.00727	104.62	111548.38	-43.11	-7ů%	1930108.05	759. <sub>0</sub> 5	90.17%
453	4200.0	62118557	.00727	106.01	262032,60	-44.50	-72%	4533918.00	958.29	96.64).
500	22131.4	326675449	.00727	107.38	1361302.41	-45.87	-75%	23554449.02	956.92	89.51%
503	1957.5	29621570	.00727	110.01	120405.82	-48.5ü	-79%	2083367.25	954.29	87.00%
204	2073.0	31441142	.00727	110.26	127510.23	-48.75	-79%	2206293.90	954.04	89.64%
353	1884.0	28665817	.00727	110.62	115884.84	-49.11	-80%	2005141.20	953.68	87.51%
250	2909.0	44687539	.00727	111.68	178932.59	-5û.17	-82%	3096048.70	952.62	87.515
248	1039.0	16466831	.00727	115.22	63908.89	-52.71	-87%	1105207.70	949.68	55.47.
290	2135.5	- 34353026	.00727	116.95	131354.60	-55.44	-90%	2272612.65	947.35	57.11.
320	1.70.1	17083197	.00727	117.96	72841.91	-50.45	-92%	1251723.23	744.34	22. 2.
267	1383.5	22491285	.00727	118.19	83099.68	-50.68	-92%	1472459.05	940	£2.51.
556	1605.1	20801962	.00727	121.39	98729.70	-59.88	-97%	1798307.95	742.71	68.59%
257	1740.0	29248558	.00727	121.79	107396.46	-60.28	-98%	1858267.83	542.51	38.5e%
450	3226.5	54215264	.00727	122.16	198462.01	-60.65	-97%	3433763.95	942.14	22,52
385	1564.û	20082188	.00727	124.03	96201.64	-62.52	-102%	1604365.20	940.27	55.35%
234	2046.5	35288463	.09727	125.36	125880.21	-63.85	-104%	2178087.95	938.94	65.22/.
573	3035.7	52972852	.00727	126.86	186725.91	-65.35	-10e%	3230875.51	937.44	36.05.
	12139.6	216122462	.00727	129.43	746706.80	-67.92	-110%	12926176.28	734.87	57 . 64%
445	2765.6	50707784	.00727	133.50	170112.06	-71.79	-117%	2943428.08	931.00	87.48%
265	1854.7	34073587	.00727	133.56	114082.60	-72.05	-117%	1973957.2:	930.74	57.45%
435	1380.5	25682961	.00727	134.67	85283.61	-73.16	-115%	1475651.95	529.63	87.85%
253	4460.5	82945104	.00727	135.19	274365.35	-73.63	-126%	4747510.15	929.11	37.30.
231	1056.2	31601966	.00727	138.72	101872.86	-77.21	-126%	1702093.00	925.58	80.57%
409	.077.1	32278259	.00727	137.92	103158.42	-78.41	-127%	1754937.53	924.36	80.68%
470	2767.4	57472165	.90727	140.80	182524.77	-79.29	-129%	3158203.82	723.50	ěc.777.
416	1024.0	17858813	.00727	141.20	62986.24	-79.59	-130%	1089843.20	725.16	86.78%
505 -	8,75مه	130025743	.00727	141.60	410628.46	-60.09	-130%	7105053.94	922.79	84.70.
305	1442.0	28356915	.00727	142.91	88734.33	-81.40	-132%	1535359.18	921.39	80.ET.
446	2545.8	46610250	.00727	144.58	144167.14	-83.07	-135%	2494506.54	719.72	čo.42%
413	1945.5	38590813	.00727	144.77	119513.93	-83.2e	-135%	2067934.90	919.53	60.48%



499	704.5				A:002 70		-	: cw.		
нггау	ed by Rura	l percent aid	hased on 4	inodioa th	e estimated ne	od magal an	om heat to	<b>.</b>		
3	i01608.0	6794442983	.00727 Mn	174.90 M	In 18551908.08	-113.39 M	in -184% Mn	321001394.40	£89.40 Mn	63.57%
521	1009.1	224298706	.00727	1615.95	62069 <b>.</b> 74	-1554.44	-2527/.	1073995.13	-551.65	-5.,63,
214	1500.1	149167192	.00.727	722.92	92271.15	-661.41	-1075%	1596555.43	341.38	32.(2.
531	1656.7	51413011	.00727	340.20	67581.04	-278.09	-456%	11693401	724.11	oē.J+'.
407	1232.7	56570307	.00727	333.43	75823.38	-272.12	-4424	1511952.61	30.07	43,25.
375	1155.0	43334984	.00727	270.89	71536.13	-209.38	-240%	1237780.90	753.41	~,EE.
418	2285.3	77023974	.00727	244.71	140753.33	-183.20	-298%	2435437.69	519.59	77.82.
495	1092.6	35473062	.00727	235.03	67205.83	-174.52	-284%	1162854.18	828.27	77.82.
400	1102.0	35583300	.00727	234.75	67784.02	-173.24	-282%	1172858.60	829.55	77.94.
382	1324.0	40663939	.û0727	223.28	81439.24	-161.77	-263%	1409133.20	841.02	79.424
352	1232.0	36033877	.00727	212.63	75780.32	-151.12	-240%	131:217.00	851.67	50.02°.
250	5296.8	144884706	.00727	202.30	320270.27	-140.79	-225%	5541597.24	862.90	50.77
312	1123.5	31188521	.00727	201.82	<b>6</b> 9106.49	-140.31	-228%	1195741.05	862.48	£
315	1210.5	33323302	.00727	200.13	74457.85	-138.62	-225%	1288335.15	864.17	81.21.
512	25068.1	796559111	.00727	199.22	1787978.83	-137.71	-224%	50937178.83	565.88	81.2:
457	5029.1	159976395	.00727	198.86	346245.94	-137.35	-223%	5991051.13	665.44	51.32%
428	3328.9	89728376	.00727	195.96	204760.64	-134.45	-215%	3542948,27	808.34	81.55%
45û	3391.0	89826767	.00727	192.58	208580.41	-131.07	-213%	3609041.30	871.72	9),7::.
259	43368.5	1110929480	.0û727	186.23	2667596.44	-124.72	-203%	46157094.55	678.07	82.50%
229	6595.0	168667464	.00727	185.93	405658.45	-124.42	-202%	7019058.50	878.37	82.53%
497	7639.6	195279705	.00727	185.83	467911.80	-124.32	-202%	8130826.25	578.47	82.5 <b>~</b> .
473	1205.0	30702948	.00727	185.23	74119.55	-123.72	-201%	1282481.50	879.07	82.±0%
415	1100.1	27684377	.00727	182.95	67667.15	-121.44	-197%	1170836.43	881.35	62.61%
489	3200.1	80071787	.00727	178.23	200897.81	-116.72	-199%	347e110.23	880.07	58.25%
345	3374.5	78700961	.00727	169.55	207565.49	-108.94	-176%	3591480.35	894.75	54.57.
333	1354.4	31535351	.00727	169.27	83309.14	-107.76	-175%	1441487.92	895.33	24.10.
501	14181.7	325760905	.00727	167.00	872316.37	-105,49	-171%	15093583.31	897.30	54.31.
308	4897.3	111820437	.00727	166.00	301232.92	-104.49	-170%	5212196.39	898.30	84.43%
309	1472.5	33118199	.00727	163.51	90573.47	-102.00	-166%	1567181.75	701.47 900.79	34.73% 34.64%
465	2273.1	50910359	.00727	162.83	139818.38	-101.32	-1 55%	2419200.33	901.47	84.76%
443	412û.i	91821236	.00727	162.02	253427.35	-100.51	-163%	4385022.43	702.78 902.28	64.75',
493	1231.5	27530226	.00727	161.34	75749.57	-9 <b>7.</b> 83	-102,	1310685.45	502.9a	85.1~4. 884%
379	1561.6	33961009	.00727	158.10	96054.92	-96.59	-157%	1602010.53	910.25 936.23	85.5⊷.
388	3848.o	123846961	.00727	153.95	359747.39	-92.44	-150%	022400.00	9125 2125	85.62.
313	2145.5	45166262	.00727	153.05	131969.70	-91.54	-149%	2253455.55	913.08	85.79%
490	2017.0	41954725	.00727	151.22	124065.67	-89.71	-146%	2146693.10	917.02	85.16.
101	1104.5	22376356	.00727 .00727	145.37 147.28	204188.60 67937.75	-83.86 -83.77	-136% -138%	3533056.28 1175519.35	918,93	20.34%
437	3319.6	66379379								

499	704.5	4835130	.00727	49.90	43333.79	11.61	15%	430660.85	561.43	51.544
491	783.2	7467929	.00727	69.32	48174.63	-7.81	-13%	478779.10	5-1.98	ěč. 20'.
293	964.Ü	7765527	.00727	73.80	59295.64	-12.29	-20%	589293.20	537.50	37.72.
337	768	6203445	.00727	77.64	47245.83	-10.13	-25%	469539.53	533.00	27.33.
400	480.9	5260115	.00727	79.52	27580.10	-18.01	-25%	293974.17	531.78	1:,11,
357	674.0	გეიგიევ	.00727	87.03	41457.74	-25.52	-41%	412016.20	524.27	85,7e.
338	460.9	5609540	.00727	88.48	28349.96	-26.97	-44%	281748.17	521,52	35.531.
429	382 \ 5	4002137	.00727	દેઈ.61	23527.58	-27.10	-44%	233822.25	522.65	85.5.%
538	859.¢	10519006	.00727	89.03	52837.09	-27.52	-45%	525.36.70	522.27	25.44%
240	567.5	7245180	.00727	89.66	36137.12	-28.15	-46%	359138.75	521.64	35.82%



340	715.5	9143616		92.91	44010.40	-31.40	-51%	437385.15	518.39	84.80%
344	412.0	5458977	.00727	90.33	25342.12	-34.62	-57%	251855.60	514.97	54.24.
370	685.2	9134452		96.92	42146.65	-35.41	-58%	418362.75	514.55	€4.12°.
437	377.0	5411534		98.60	24542.49	-37.09	-60%	243968.76	512.76	51,67'.
447	640.5	8766787	.0u727	99.51	39397.15	-38.00	-62%	391537.65	511.79	83.72.
454	542.û	4709009	.00727	100.11	21036.42	-38.60	-63%	207004.50	511.19	68.62.
348	918.2	12669100	.00727	100.31	56478.48	-38.60	-65%	561295.65	510.99	83.5%
249	420.5	72170ه	.00727	104.98	25864.95	-43.47	-71%	257051.65	706.32	82.83.
335	405.5	6795238	.00727	196.13	28632.90	-44.62	-73/.	254569.15	565.17	82.44%
372	0.10م	8936539	.00727	108.10	36967.51	-46.59	-76%	367391.30	503.20	82.32°.
505	312.0	4687727	.09727	109.23	19191.12	-47.72	-78%	190725.60	502.07	82.13%
336	887.5	13778108	.00727	112.86	54590.12	-51.35	-83%	542528.75	478.44	81.54.
259	667.7	1ŭ660544	.00727	116.07	41070.23	-54.56	-85%	408165.01	495.23	81.01.
449	652.0	10438211	.00727	118.94	39243.38	-57.43	-93%	390009.40	492.3e	81.54.
343	85 <b>5.</b> 5	14095963	.00727	119.79	52621.81	-58.28	-95%	522967.15	471.51	81.40°,
404	745.9	12327327	.00727	120.15	45880.31	-58.64	-95%	455968.67	471.1E	
523	577.5	9570873	.00727	120.49	35522.03	-58.58	-96%	353025.75	490.81	80.35% 50.35%
487	5aŭ.ó	9531237	.00727	121.01	34482.51	-59.50	-97%	342694.78	490.29	50.27%
339	379.9	<b>6351642</b>	.00727	121.55	23367.65	-60.04	-98%	232232.87		80.23%
341	529.0	9067162	.00727	124.61	32538.79	-63.10	-103%	323377.70	489.75	69.12%
542	481.5	8330351	.00727	125.78	29617.06	-64.27	-104%	294340.95	486.67	79.62%
247	779.5	13523666	.00727	126.13	47947.04	-64.52	-105%	476508.35	485.52	79.42.
425	295.5	5133198	.00727	126.29	18176.20	-64.78			485.17	79.37%
288	458.0	8713964	.00727	127.21	30631.93	-65.70	-105% -107%	180639.15	485.01	79.54.
401	781.ů	13812733	.00727	128.58	48039.31	-67.07	-107% -105%	354427.40	484.09	79.19%
287	720.5	13130877	.00727	131.40	44687.01	-67.87 -69.89	-105%	477425.30	482.72	75,77,
436	043.7	11642352	.00727	131.47	37573.99	-69.98	-114%	444107.45	479.90	78.51.
463	300.0	6517166	.00727	131.61	22143.60		-114%	393493.81	477.81	78.44,
456	329.5	6018134	.00727	132.78	20267.54	-70.10 -71.27	-114%	220868.00	479.69	72.47%
436	894.7	14945119	.00727	135.02	49497.10		-116%	201423.35	478.52	78.28%
421	378.5	7262025	.00727	139.48	29281.53	-73.51	-120%	471713.11	476.23	77.91.
378	514.5	10030887	.00727	141.31	31646.50	-77 <b>.</b> 97	-127%	231377.05	471.82	77.12.
423	029.0	12260552	.60727	141.71	31645.76 38689.79	-79.80	-135%	314513.85	469.95	7a.85'.
243	450.5	9627717	.90727	143.87		-80.20	-130%	584507.73	469.5=	7e.82.
211	730.5	14495468	.60727	148.23	29924.61 47457.61	-82.36	-134.	297397.45	467.43	76.41
377	778.0	10125474	.66727		43456.81	-66.72	-141%	431883.45	405.07	75.7E%
448	718.0	15156397		150.68	47854.78	-87.17	-145%	475571.40	400.02	75.E°.
235	478.5	10184310	.00727 .00727	153.46	44164.18	-91.95	-147%	488913.40	457.54	7.7.
358	402.5	8809426	.00727	154.73 159.12	29432.53	-93.22	-152%	292507.05	450.57	Tw.eff.
504	453.0	10224768	.00727	157.12 162.30	24757.77	-97.61	-15%	246048.25	452.18	75.7%
33Û	555.0	12531644	.00727		28171.58	-100.79	-164%	279975.40	497.00	73.45.
441	941.0	21871724	.00727	163.27	34322.58	-101.76	-165%	541105.40	448.33	73.361. 72.361. 72.23%
451	220.0	5137652	.00727	168.98	57880.91	-107.47	-175%	575233.30	442.32	72.ād.
260	501.0	11701541		169.78	13532.20	-108.27	-176%	134486.00	441.52	72.23%
222	430.0	10130318	.00727	169.80	30816.51	-108.29	-176%	306261.30	441.5.	72.22%
268	537.5		.00727	171.27	26449.30	-109.76	-178%	262859.00	440.03	71.58.
278	310.0	12703674	.00727	171.82	33061.62	-110.51	-179%	328573.75	437.45	71.25%
		7377076	.00727	175.00	19068.10	-111.49	-181%	189593.00	455.39	71.70%
411 205	248.5 453.0	5930241	.05727	173.63	15272.93	-112.12	-182%	151785.79	437.07	71.50.
	682.0	16542019	.00727	174.20	41949.82	-112.09	-183%	416906.60	437.10	71.57
356 347	399.5	9711868	.00727	176.73	24573.24	-115.22	-187%	244214.35	434.57	71.05
307 577	334.0	8127220	.63727	176.50	20544.34	-115.3ÿ	-188%	204174.20	454,48	T00%
346	544.0	18271393	.00727	177.36	33461.44	-115.85	-188%	332547.20	433.94	78.55
387	388.0	9717134	.00727	182.07	23865.88	-120.56	-196X	237184.40	429.23	79.22%
484	891.0	22403318	.00727	182.80	54805.41	-121.29	-197%	544669.30	428.52	70.10%



322	413.5	10607277	.00727	186.49	25434.38	-124.98	-203%	252772.55	424.51	. 3 .12°
327	710.8	18246068	.00727	185.62	43721.31	-125,11	-293%	434512.04	424.08 424.08	69.45). 43.77
498	391.2	10073058	.00727	187.57	24062.71	-126.96	-295%	239140.56	425.78	હ <b>ે</b> , ઢેંગ, . લાલસ
283	177.5	4628351	.00727	189.57	10918.02	-128.0 <sub>0</sub>	-238%	109505.75		09.52. .> 5€
408	539.5	14102673		199.04	33184.64	-128.53	-205%	329790.35	421.73 421.25	o2.₹₹.
380	399.0	15865127	.00727	192.55	36844.49	-131.04	-213%	347778.33 346169.76		s£.91°.
253	620.Û	16609438	.00727	194.76	38136.20	-133.25	-217%	377005.00	418.75	08.5I%
251	680.2	18322952	.00727	195.84	41839.10	-134.33	-218%	377993.00 415805.26	4.6.34	¢ē.1+%
398	412.5	11411769	.00727	201.12	25372.88	-139.61	-2277.		4:5.46	67.75.
410	596.7	16547315	.00727	201.61	36703.02	-140.10	-228X	252161.25 364762.71	410.18	67.19%
37ŏ	541.1	15009149	.00727	201.66	33283.06	-140.15	-226%	350774.43	407.69	67.12%
24ŭ	481.7	13391946	.00727	202.12	29629.37	-140.61	-229%		40>.64	67.01%
417	972.5	27121605	.00727	202.75	59818.47	-141.24	-230%	294463.21 594489.25	407.18	66.94%
264	942.5	26858120	.00727	207.17	57973.17	-145.66	-237%		408.55	36.83).
462	409.5	11708442	.00727	207.86	25188.34	-146.35	-237% -238%	57±150.25	404.13	35
304	900.0	26287915	90727	212.35	55359.00	-150.84		250327.35	403,14	ea.36.
486	251.û	7410261	.00727	214.63	15439.01	-153.12	-245% -245%	550170.00	376.75	55,2:,
433	199.5	5904453	.00727	215.16	12271.24	-153.12 -153.65	-245%	153426.30	395.67	6≟,29.
272	547.û	16303704	.00727	216.69	33645.97	-155.18	-250%	121554.35	390.14	64.30.
400	794.5	24118570	.00727	220.69	48869.69	-159.18	-252%	334381.10	394.61	64.554
46Û	742.9	22721326	.00727	222.62	45640.42		-259%	485677.85	390.61	03.79%
481	375.6	11538558	.00727	223.22	23115.46	-161.11	-262%	453584.60	386.68	o3.5%.
252	462.0	14828157	.00727	223.22		-161.71	-263%	229726.54	368.93	63,45,
5ù9	215.5	6639020	.00727	223.97	29647.52	-162.14	-264%	254646.50	337.03	€3,41%.
479	257.5	8011564	.00727	226.19	13255.40	-162.46	-264%	131735.15	387.33	63.3s/.
365	265.Û	8402979	.00727	227.95	15838.82	-164.68	-268%	157409.75	385.11	63.91%.
329	522.4	16406338	.00727	227.73 228.33	16484.68	-166.44	-271%	163828.40	353,35	52,71°.
3c5	707.6	30396330	.00727	228.38	32132.82	-166.82	-271%	319343.12	382.77	62.:5A
412	529.0	16025938	.00727	228.49	59517.08	-166.87	-271%	591493.88	362.72	02.04
384	248.5	7832754	.00727		32538.79	-166.58	-271%	323377.70	382.81	6Z.čZ:
387	091.5	21604853	.00727	229.15 229.24	15285.23	-167.64	-273%	151908.05	382.15	62.51%
238	208.5	6589196	.38727	227.24	42534.17	-167.73	-273%	422713.95	382.06	62.58.
237	543.0	29569321	.00727		12624.83	-168.24	-274%	127456.95	821.55	:22.
273	383.6	9611281	.00727	230.53	39550.93	-109.02	-275%	37305 <b>5.</b> 90	360.77	62.27.
442	378.1	12333020	.00727	230.62	18597.53	-icÿ.11	-275%	155223.93	361.55	52,27,
325	711.5	22635326		231.37	23256.93	-169.86	-276%	231132,53	377.92	eΞĒ,
488	325.5	19422576	.00727 .00727	231.80	45764.35	-170.29	-277%	434939.55	279 <b>.</b> 55	91.JÉ.
495	750.1	24012707	.00727	232.07	20083.01	-170.56	-277%	199569.45	379.23	:2.54.
448	385.5	12565908	.06727	232.73	46138.65	-171.22	-276%	458536.13	378.57	¢i.≎3″.
360	301.0	9793442		236.36	23773.61	-174.85	-254%	236267.45	374.94	61.33%
275	780.0	25426604	.00727 .00727	236.54	18514.51	-175.03	-285%	184001.30	374.76	51.31%
427	იმშ.შ	19818763		236.99	47977.80	-175.48	-285%	475814.00	374.31	:1.25.
250	333.0	10912236	.00727	237.96	37244.31	-175.45	-287%	376142.15	373.54	51.9₹.
311	263.5	8673539	.00727	238.23	20452.83	-175.72	-287%	203562.90	373.07	61.03%
239	293.5 042.5		.00727	239.30	16207.89	-177.79	-289%	161077.55	372.56	53.85%
318	472.5	21345287	.00727	241 - 53	39520.17	-180.02	-293%	3,2760.25	369.77	≎0.47°.
372	475.5	15939619	.00727	245.25	29063.47	-183.74	-277%	298839.25	3 <b>co.</b> 95	57,95.
43Z	433.5	16147636	.00727	246.88	19248.00	-185.37	-501%	2796735	304.42	59.::'.
432 102	435.3 578.0	) 37 <b>92788</b> 18893919	.00727	248.51	24519.28	-187.00	-304%	246659.55	302.5	
212		19834212	.90727	249.47	35552.78	-197.96	-36€%	353331.40	3 <b>01.</b> 83	57,17,
21 Z 200	203.5 504.0	6991725 17167515	.00727	249.78	12517.28	-188.27	-30 <b>6</b> %	124399.55	361.52	574.
	506.0 5.0 0	17447915	.00727	25J,A8	31124.00	-189.17	-308%	309317.80	300.c2	55.49%
300 297	560.0 000.0	19598346	.00727	254.43	34445.60	-192.92	-314%	342328.00	550.87	53,35%
419	419.0 324.5	14668970 13440337	.80727	254.52	25772.69	-193.01	-314%	256134.70	350.78	38.3c%
747	5.45	13469387	.00727	254.67	23650.59	-193.16	-314%	235044.95	350.53	58.34%



385	288.0	10261054	.00727	259.02	17714.68	-197.51	-521%	170054.40	352.26	E7 .50
285	202.0	7198490	.30727	259.07	12425.02	-197.56	-321%	123-52.60	352.25	57.63%
381	251.5	9115444	.00727	263.50	15469.76	-201.99	-328%	153741.95	547.50	57.62A
324	1.861	6117627		264.73	10333.68	-203.22	-330%	162698.49	340.57	56.99%
245	319.5	11537231	.00727	, 264.8Ū	19652.44	-203.29	-330%	195310.35		55.5₹. =/.5
426	259.Ŭ	9405551		265.69	15931.09	-204.18	-33 <b>Z</b> 4	158325.70	345.39 545.4	ā6.66%. € -5%
5±Ů	516.0	19147276		269.77	31739.16	-298.20	-335%	315430.80	343.ai	5:15%
423	426.Ū	15939512		272.02	26203.26	-2i0.5i	-342%	269413.80	341.53	55. <i>87</i> °.
355	552.1	20938582		275.72	33959.67	-214.21	-345%	337498.73	339.28	55.50%
282	446.9	17021619	.00727	276.90	27488.82	-215.39	-350%	273189 <b>.</b> 97	335.58	54.99%
275	198.5	7587161	.00727	277.88	12209.73	-216.37	-352%		334.40	54.78%
294	592.5	22948867	.00727	286.42	35829.57	-224.91	-366%	121343.05	333.42	54.54%
361	985.5	38843157	.00727	286.54	60618.10	-225.03	-300% -306%	356082.25	324.88	53.1E.
265	697.5	24312310	.09727	290.95	37367.32	-229.44	-366% -373%	502436.15	324.76	53.13).
431	691.9	27659661	.00727	291.01	42503.41	-229.59		371364.75	920.35	52.41%
347	378.7	15186557	.00727	2955	23293.84	-230.04	-67 <i>3</i> ). -6739	422408.90	329,17	520.
300	57.1	27173399	.00727	300.64	40418.22	-237.13	-374% 376%	231499.3.	315.75	11.11.
224	403.4	16741572	.00727	301.71	24813.13		-359% 2002	401685.23	310.66	50.52.
359	212.5	8841247	.00727	302.47	13079.88	-240.28	-391%	246598.42	309.59	50.24%
349	293.5	11989551	.00727	307.46	17438.08	-240.96	-392%	129901.25	308.83	53.52/.
471	159.5	6868303	.00727	313.06		-245.95	-400%	173303.55	263.54	47.70%
293	320.5	13817096	.00727		9810.84	-251.55	-40%	97502.35	298.24	45.75%
459	254.0	12260009	.00727	313.42	19713.95	-251.91	-410%	175721.05	297.95	₹8. TE.
397	294.5	12842128	.00727	\$14.01 \$17.55	17468.84	-252.50	-410%	173509.20	297.29	48.55.
241	322.0	14164066		317.02	18114.69	-255.5!	-415%	189027.85	294.28	4644
278 278	401.0	18080733	.00727	519.79	19806.22	-258.28	-420%	196838.60	291.51	47.69.
354	205.0	11967894	.00727	327.80	24665.51	-256.29	-433%	245131.30	293.50	46.88%
350	429.0		.00727	328.33	16300.15	-266.82	-434%	161994.50	282.97	46.25%
284	540.5	19710461	.00727	334.02	26397.79	-272 <b>.</b> 5i	-443%	262247.70	277.28	45.35.
264 281		25133780	.00727	338.06	33246.15	-276.55	-450%	330407.65	273.24	44.76%
223	504.6 sea ∈	23635372	.00727	340.53	31037.95	-279.02	-454%	302461.98	270.77	44.27/
455	384.5	18078945	.00727	341.83	23650.59	-280.32	-456%	235044.85	259.47	44.15%
	152.5	7198535	.00727	343.17	9380.27	-28!.06	-455%	98223.25	262.13	43,85.
254	892.9	38090956	.00727	345.29	49331.62	-283.78	-45il.	49925260	2::.11	43,52,
363	352.5	16743246	. 19727	349.35	21682.27	-287.97	-448%	2:5483.25	Z:1.7Z	41,15,
373	141.5	5818399	.00727	350.32	8793.cc	-258.81	-470/	86498.95	<u> 143,45</u>	4.,
213	:28.8	6173979	.09727	350.66	7873.29	-289.15	-47e);	75246.40	250.54	92.24.
295	119.3	5762856	.00727	351.03	7341.22	-259.52	-471%	72759.65	269.27	42,55%
493	352.0	17145671	.00727	354.12	21.52.52	-292.61	~476%	215177.60	257.18	42.071
422	430.0	21407373	.00727	361.93	26449.30	-300.42	-488%	262859.00	249.37	42.55% 42.07% 40.7 <del>9</del> %
37.	210.5	10680676	.00727	358.88	12947.85	-307.37	-500%	125678.65	242.42	39.55.
472	234.0	11873430	.00727	3 <b>68.</b> 69	14393.34	-307.38	-500%	145044.29	242,41	39.00%
310	142.5	7260366	.00727	370.41	8765.17	-308.90	-592%	87110.25	240.89	34,4,7,
292	210.5	10759041	.00727	371.58	12947.25	-310.07	-504%	128075.65	239.72	37.21.
467	563.0	28907353	.00727	373.28	34630.13	-311.77	-507%	344161.90	238.02	32.74.
z21	172.5	5865 <u>5</u> 07	.00727	373.68	10610.48	-312.17	-508%	105449.25	237.62	38.97%
194	205.3	10645149	.00727	377.51	12000.55	-316.00	4/	125316.50	233.79	
<b>27</b> 4	475.5	24745636	.00727	378.30	29248.00	-31a.25	-5:5%	290673.15	282.94	≅≅1°,
271	402.0	21274100	.00727	389.94	24773.96	-919.43	-51.9%	245187.89	250.55	F.:5.
251	147.5	7945648	.00727	391.00	9072.73	-330.09	-5877.	90100.75	219.79	35,74,
276	489.Ū	Zo503844	.00727	395.52	30078.39	-334.01	-543%	298925.70	215.75	35.38%
477	220.9	11789562	.00727	396.20	13532.20	-354.07	-544%	134486.00	£'5.10	EE.17%
511	204.0	12919652	.00727	401.39	14393.34	-337.88	-555%	143944.20	269.91	34,344
482	3 <b>67.</b> 0	20346568	.00727	403.05	22574.17	-341.54	-555%	224347.16	208.25	34,344 34,671
438	353.8	20919817	.00727	429.87	21762.24	-368.36	-577%	216277.94	181.43	29.55%
				- = 3			W///I	LIUL: 1 174	191.40	27 . 201.



32		13756829	.00727	439.61	13993.52	-378.10	-615%	139070.75	171.69	28.65%
392		12492110	.00727	444.19	12579.80	-382.59		125010.65	167.23	27.35%
48.	3 500.0	34398913	.60727	446.57	34445.60	-385.06		342328.00	154.73	21.334. 26.75%
317	7 73.5	4578880	.00727	452.90	4520.98	-391.39		44730.55	158.40	25.91.
22	ī 169.ū	10773754	.00727	463.46	10395.19	-401.55		103309.79	.47.84	
44.	<del>i</del> პნი.Ū	25252713	.00727	475.61	23742.86	-414.10	-675%	235501.53	135.67	24.18% 22.33
314	149.5	10055999	.00727	489.01	9195.74	-427.50	-695%	91389.35	122.29	22.20.
303	322.5	21912017	.00727	493.95	19836.97	-432.44	-703%	197144.25	117.35	20.66%
260	124.0	8406891	.00727	496.41	7627.24	-434.90	-707%	75901.20	114.85	17.20/.
502	187.0	13071900	.00727	502.82	11625.39	-441.31	-717%	115535.70	105.45	18.6W
255	314.0	21866431	.00727	506.27	19314.14	-444.76	-723%	191948.20	165.63	17.75%
354	222.5	15509823	.00727	506.77	13685.98	-445.26	-724%	136014.25	194.53	17.15%
227	243.5	17112382	.00727	510.91	14977.68	-447.40	-731%	145851.55	109.39	17.10A
495	152.0	10699755	.00727	511.70	9349.52	-459.25	-732%	92917.00		10.42.
193		16082626	.00727	518.50	13870.50	-456.99	-74 <i>3</i> %		99.54	15.25.
217		14774257	.00727	527.81	12517.28	-406.30	-758%	137848.15	92.80	15.18.
395		26053509	.00727	532.34	22389.64	-470.83		124399.55	83.49	13.02.
500		31304357	.00727	542.26	25864.95	-480.75	-765% 700%	222513,20	75.96	12.52.
242		8207005	.00727	549.91	6673.84	-450.73 -488.40	-782% -7844	257051.65	oÿ.04	11.27
218		45462536	.00727	554.55	36659.96	-493.04	-794% page	66326.05	61.39	19.6%.
228		19641709	.60727	556.58	8549.89	-495.07	-802% -802%	364334.80	55.75	ÿ.28'.
504		9767700	.00727	574.59	7596.48		-805% 	84970.70	54.72	5.75.
Zóÿ		15584436	.00727	614.25	11563.88	-513.48	-835% -835%	75495.55	36.31	5.94.
374		41981130	.00727	622.86		-552.74	-899%	114924.40	-2.95	4%.
299		18069184	.00727	630.04	30137.90 12824.83	-561.35	-913%	299537.00	-11.56	-1.87,
494		36458565	.00727	632.59	25772.69	-568.53	-924%	127456.05	-15.74	-3.07%
475	122.0	10639601	.00727	634.92		-571.08	-928%	256134.70	-21.29	-3,48%
408	117.0	10378531	.00727	635.27	7594.22	-572.51	-931%	74578.60	-22.72	-3.72.
474	142.0	12794336	.00727		7319.69	-573.76	-933% -23.44	72744.70	-23.97	-3.92.
491	173.0	15502771	.00727	637.09	8980.46	-575.58	-936%	69249.eu	-25.79	-4.22%
239	58a.7	30625428	.00727	651.47	10641.23	-589.96	.959%	105754.90	-40.17	-0.57/
35!	282.5	26168374	.00727	661.28 774.75	20710.42	-599.77	-975%	205824.71	-49.98	-£.1 <i>€</i> .
323	475.5	20100014 44532548		674.62	17345.82	-c13.11	-997%	172386.63	-03.82	32.
275	135.5	102556)2	.99727 .00727	680.87	29249.00	-619.35	-1907%	299673.15	-s9.57	-1£.,
377	170.5	18988252		687.17	6673.84	-625.6é	-1317/1	663Es.0E	-75.87	4.,
332	307.Ú	16768232 34361228	.00727	2 <b>3.</b> 909	10487.45	-749.14	-121c%	:64220.65	-, <b>98.</b> 95	-31,-5.
424	118.9	13804376	.09727	818.44	18983.57	-756.93	-1231.	187659.13	-287.24	-33.85,
301	91.0	10940580	.00727	350.52	7253.18	-789.01	-1298%	72133.40	-239.22	-37.1 <i>2</i> ′.
226	237.7		.00727	874.04	5597.41	-812.53	-1321%	55628.31	-262.74	-42.93.
36Z		28655649	.00727	876.43	14620.93	-814.92	-1325%	145306.01	-265.15	-45.57%
452	783.3 493.6	101714100	.00727	947.66	47996.25	-586.15	-1441%	476997.59	-330.38	-55.3 <i>2</i> °.
226		65997958 50155710	.00727	970.73	30361.34	-909.22	-1478%	301737.68	-359.43	-50.80.
210	401.5	58155719	.00727	1053.03	24676.25		-1612%	245436.95	-441.75	-72.264
363	254.5	44148764	.00727	1261.15	15654.30		-1950%	155575.85	-649.85	-100.31%
	6.50s	11/847385	.00727	1330.90	37244.31		-2064%	370142.15	-71Ý.60	-117.721
210	897.5	172138611	.00727	1394.37	55205.22		-2167%	548641.75	-783.67	-125.10%
597	382.0	73310681	.00727	1395.21	23496.62		-2168%	233516.68	-783.91	-122.24%
215	ბწე.წ ეგ. გ	132675750	.00727	1473.94	12134.35	-1412.43	-2296%	418740.50	-902.64	-141.12.
217	210.0	57832171	.00727	1940.48	13286.1c	-1684.97	-3054%	132040.80	-1535.18	-2.2.42.
209	145.3	61573700	.00727	3686.33	8937.40	-3019.29	-4909%	55621.59	-2457.50	33,45%
244	7e5.s	493247327	.00727	4682.79	47092.06	-4622.28	-7515%	402011.25	-4072.49	-600.25.
•	2002									
	78147.1	4409655996	.00727 Mn	303.58 Mr	1 6037031.20	-301.87 M	n -491% Ma	59997352.79	247.92 M	4i.5d.



#### APPENDIX 4 A

PERCENTAGE EQUALIZED GRANT

BY

DISTRICT NUMBER



AFPENDIX 4A

PERCENTAGE EGUALIZED GRANT CATA WITH NO RECAPTURE PROVISION BY DISTRICT NUMBER

USD	FTE	HV 1987	State Mean	Revenue Under	Required Revenue to	Pct Ard 9	Rea. Revenue to Fund R/V	BpD and to District	Fercent Aid under
			Levy	Mn Levy	Fund AFM	AFM	Est. Neea	g Neea	Need Mode!
101	1104.5	22376356	.00727	147.28	67937.79	0.00	1175519.35	917.62	ŏe.16%
192	578.0	19834212	.00727	249.47	35552.78	0.00	353331.40	361.83	59.3 <i>7</i> /,
103	225.5	16082626	.00727	518.50	13870.50	6.00	137848.15	92.80	15.18%
194	265.0	10645147	.00727	377.51	12009.55	0.00	125316.50	233.77	38.24%
Z50	356.7	50o2o428	.00727	661.28	20710.42	0.0C	205624.71	-45.58	9.86%
ZJZ	3530.:	53148939	.00727	100.73	235958.51	0.00	4082761.23	963.57	90.54%.
203	964.0	9785527	.00727	73.80	59295,64	0.60	589293.20	537.50	87.93%
204	2073.0	31441142	.00727	110.26	127510.23	0.00	2206293.90	954.34	69.c4%
205	<b>6</b> 82.8	16342019	.00727	174.20	41949.82	0.90	416903.60	457.10	71.50%
2ūo	50á.Ú	17447915	.00727	250.68	31124.06	0.00	307317.80	360.62	58.99%
208	697.5	24312310	.00727	290.95	37367.32	0.00	371364.75	320.35	52.41%
209	145.3	61573700	.00727	3080.80	8937.40	0.00	88821.89	-2469.50	0.00%
215	897.5	172138611	.00727	1394.37	55205.22	0.00	548641.75	-785.07	3.33%
211	706.5	14405468	.00727	148.23	43456.81	0.00	431883.45	463.07	75.75%
Ž! Ž	203.5	6991725	.00727	249.78	12517.28	0.00	124399.55	361.52	57.14%
213	128.0	£173979	.00727	350.66	7873.28	0.00	78246.40	203.04	42.6 <del>.</del> 7.
214	1500.1	149167192	.00727	722.92	92271.15	0.00	1596556.43	341.38	32.05%
215	685.0	138678950	.00727	1473.94	42134.35	0.09	418740.50	-802.04	6.564
216	254.5	44148764	.06727	1261.15	15654.30	0.00	155575.85	-649.85	0.56%
217	216.0	57832171	.00727	1946.48	13286.16	0.00	132040,80	-1335.18	€.00%.
218	596.0	45462536	.00727	554.55	36657.96	9.89	364334.60	56.75	9.28%
Z:Ÿ	263.5	14774257	.00727	527.91	12517.28	0.03	124399.55	83,47	13.00.
229	237.7	28655649	90727	876.43	14620.93	8.00	145396.91	-205.18	3,454
221	172.5	8865597	.00727	373.63	10610.48	9.00	105447.25	237.62	35,27,
222	436.5	10130518	.00727	171.27	26447.39	0.00	252859.00	449.68	71.58%
223	384.5	18078945	.63727	341.83	23050.59	0.00	235944.85	207.47	4+1394
224	403.4	16741572	.00727	301.71	24813.13	មិ.ម៉ូច៉	246598.42	317.59	50.64/.
225	169.0	10773754	.00727	453.45	10395.19	0.00	103309.70	147.84	24.16%
226	401.5	58155719	.00727	1053.03	24696.26	0.00	245436.95	-441.75	6,03%
227	243.5	17112382	.00727	510.91	14977.68	0.00	148851.55	100.37	16.424
228	139.0	10641709	.00727	556.58	8549.89	0 00	84970.70	54.72	8.75%
225	6595.0	168667464	.00727	185.93	405658.45	0.00	7619958.50	878.37	82.53%
230	1212.5	12795266	.00727	76.72	74586.88	0.00	1290453.75	987.58	Ŷ2.7F.
23!	1655.2	31501966	.00727	138.72	101872.86	0.00	1762693.66	925.58	86.971
232	1651.8	20937425	.00727	92.15	191602.22	0.00	1758010.74	972.15	91.34%
233	12139.0	216122462	.00727	129.43	746706.80	0.00	12920176.28	934.87	37.54%.
234	2046.5	35236465	.06727	125.86	125880.21	0.00	2178089.95	935.94	65.32.
435	478.5	10134310	.00727	154.73	29432.53	6.90	272507.05	456.57	74.25.
227	543.0	20389821	.00727	230.53	3 <b>9550.</b> 93	0.30	393365.90	383.77	:2,29',
238	208.5	6589196	.00 <sup>7</sup> 27	229.75	12924.93	0.00	127450.95	381 <b>.</b> 5á	52,42.
259	c-Z.5	21345267	.00727	241.53	39520.17	0.05	392740.25	369.77	59,47,
245	481.7	13391946	.00727	202.12	29529.37	0.00	294463.41	407.16	26.74.
Z41	322.0	14164066	.50727	319.77	1980a.22	0.06	196888.5)	291.51	47.5%
242	108.5	8207665	.00727	549.91	6073.84	0.00	<del>0</del> 6326.35	o1.37	19.94%



243	486.5	9627717	.00727	143.87	29924.61	0.00	297397.45	467.43	Ta date
244	765.6	493247327	.00727	4683.79	47072.06	0.00	468011.28	-4072.49	76.46% 0.36%
245	319.5	11637231		264.80	19652.44	0.00	195310.35	340.53	5c.58.
246	587.5	7245186	.00727	87.66	36137.12	0.00	359138.75	521.64	ē.36. ē.3∐.
247	779.5	13523606	.00727	126.13	47947.04	0.00	47650S.35	485.17	
248	1039.8	16466831	.00727	115.22	63908.89	0.00	1105807.70	949.13	79.37°.
247	420.5	6972170		104.98	25864.95	0.00	257051.e5	566.32	문위.1건. 55 57
250	2909.0	44657539	.00727	111.68	178932.59	0.00	3096048.70	752.oZ	82.88% 88.88%
25i	68Ū.Ž	18322952		195.84	41839.10	0.09	415806.26	752.62 415.45	89.51%
252	462.Ū	14828157	.00727	223.65	29647.82	0.00	274640.60	367.65	67.96%
253	4460.5	82945104	.00727	135.19	274365.35	0.00	4747310.15	929.11	63.41%
254	802.0	38090956	.00727	345.29	49331.02	0.00	490262.00		87.36%
255	314.0	21866431	.00727	506.27	19314.14	0.00	191948.20	206.01 105.03	43.52).
255	333.0	1091 2236	.00727	238.23	20482.83	0.00	203562.90		17.:5%
257	1746.6	29248558	.00727	121.79	107396.46	0.00	18582:7.80	378.07 942.51	613h
256	620.0	16607438	.00727	194.76	38136.20	0.00 0.00	379006.00		55.5:.
ZŜŸ	43568.5	1110529480	.00727	185.23	2667596.44	ů.80	4e157094.55	416.54 556 55	59.1 <del>-</del> '.
Žáů	5206.8	144884706	.00727	202.30	320270.27	0.00		878. <b>0</b> 7	92.5 <i>0</i> .
201	3117.8	41372600	.00727	96.47	191775.88	0.00 0.00	5541597.24	802.j0	50.5%
262	1882.0	24968380	.00727	96.45	115761.82	0.00	3318274.54	957.83 - 7	99.94),
263	1803.0	16225664	.00727	65.42	110902.53	0.0 <sub>0</sub>	2003012.60	757.85	90.94%
264	942.5	26858120	.00727	207.17	57973.17	0.00	1918932.90	998.85	93.85).
265	1654.7	34073587	.00727	133.56	114082.60	0.00 0.00	576150.25	404.13	66.11/4
266	1740.1	23585193	.00727	98.54	107033.55		1973957.21	930.74	87 <b>.</b> 47.
267	1583.5	22491285	.00727	118.19	85099.08	0.30	1851988.43	965.75	90.74.
268	537.5	12703674	.00727	171.52	33061.62	0.00 0.00	1472459.05	946.11	58.90.
269	188.0	15884436	.00727	614.25	11563.88	0.01 6.06	328573.75	439,48	71.6%
270	437.0	26503844	.00727	395.52	30078.39	0.00	114924.40	-2,95	9.55%
271	40o.ü	21274100	.00727	380.94		0.00	298925.70	215.78	35.8%
272	547.0	16303704	.00727	216.69	24973.06	0.99	248187.80	250.36	37.a8%
273	780.0	25426c64	.00727	236.99	33645.97 47977.80	0.00	334381.10	394.61	64.55%
274	475.5	24746636	.00727	230.77 378.36		0.00	476814.00	374.31	61.23.
275	15.5	10255602	.88727	687.17	29248.00	0.00	290673.15	232.94	38.11.,
278	310.3	7377675	.00727	173.00	6673.34	0.00	66325.95	-75.57	9.00
279	198.5	7587161	.00727	277.88	19968.10	0.50	189593.03	438.39	71.77
250	124.0	8400891	.00727	496.41	12299.75	0.00	121343.05	555.42	£4,54.
281	504.5	23635372	.06727	470.41 340.53	7627.24	0.00	75801.20	114.39	18.E.".
282	440.7	17021619	.00727	276.90	31037.95	9.90	308461.98	275.77	44.25.
233	177.5	462935:	.00727		27488.82	0.00	273189.97	334.40	54.71.
284	540.5	25133780	.00727 .00727	189.57 338.0 <i>6</i>	10918.02	0.00	108505.75	421.73	\$\$.7%.
265	<b>202.0</b>	7198490	.00727		33246.15	0.00	330407.65	273.24	44, T.
280	₹02.0 501.0	11701541	.00727	259.07	12425.02	0.00	123482.60	352.23	57.624
267	720.5	13130877	.00727	167.80	39816.51	0.00	306251.39	441.50	72.22.
288	498.0	8713964	.00727	131.40	44687.01	0.00	444107.45	477.90	73.50%
269	567.7	10660544	.0072	127.21	30631.98	0.00	304427.40	484.97	77.15%
290 290	2135.5	10669344 34353026	.00727	116.07	41070.23	0.00	408165.01	495.23	81.5.
291	147.5	7745940		116.55	131354.60	0.00	2272812.65	947.35	₹ <b>₹.</b> 3:*.
272	210.5	19759941	.00727	391.60	9072.73	9.00	991ca.75	219.70	25.94%
292 293	329.5		.00727	371.58	12947.95	0 .0	128:72.65	235.72	35,214
275 274	552.5	15817695 55945547	.00727	313.42	19713.95	0.00	195921.65	297.88	48,734
274 275	352.3 117.3	22945567	.00727	285.42	35829.57	មិ.មិមិ	356082.25	324.88	535.
273 297	117.3 417.0	5762856 18448678	.00727	351.63	7541.22	0.00	72958.65	269.27	42.55.
477 255		14669970	.90727	254.52	25772.69	0.00	256134.70	355.78	58.36',
275 299	401.0 365 =	18080733	.00727	327.80	24665.51	0.00	245131.30	225.50	46.32%
47?	208.5	18969184	.00727	o30.94	12824.83	0.00	127456.05	-13.74	0.35%



300	420.5	31364357	.00727	542.26	25864.95	0.00	257051.65	67.Û4	11.25%
301	91.6	10940580	•0ü727	874.04	5597.41	0.00	55628.36	-252.74	2.01%
302	204.5	12472110	.00727	444.10	12578.80	0.90	125010.65	167.20	27,354
303	322.5	21912017	.00727	493.95	19836.97	0.90	197144.25	117.35	15.25%
304	123,5	9707700	.00727	574.99	7596.48	0.00	75495.55	So.31	5,94.
305	6675.8	130025743	.00727	141.60	410628.46	0.00	7195053.94	922.78	35.760
39c	57.1ه	27173399	.00727	300.64	40418.22	0.00	461685.23	310.60	50.52.
307	334.0	8127226	.00727	176.90	20544.34	0.00	204174.20	434.49	71.00.
308	4897.3	111820437	.00727	166.00	301232.92	0.00	5212196.39	898.30	84.40%
309	1472.5	33118199	.00727	163.51	90573.47	0.00	1567181.75	500.79	84.54%
31 ū	510.0	19147276	.00727	269.77	31739.16	0.00	315430.80	341.53	55.87%
311	263.5	8673539	.00727	239.30	16207.89	0.00	161977.55	372.00	ەن.35%
312	1123.5	31188521	.00727	201.82	69106.49	9.00	1195741.05	802,48	81.(4),
315	2:45.5	45166262	.00727	153.05	131969.70	0.00	2283455.65	7:1.23	85.e2.
314	149.5	10055999	.00727	489.01	9195.74	0.00	91369.35	122,29	23.00%
315	1210.5	33323302	.00727	200.13	74457.85	0.99	1288335.15	564.17	31.20%
310	142.5	7200360	.00727	370.41	8765.17	8.00	87110.25	249.89	37.4.1.
317	73.5	4578680	.99727	452.90	4520.98	0.00	44930.55	158.40	25.91%
318	472.5	15939619	.00727	245.25	_/ Ú63.47	0.00	288939.25	366.85	59.88%
32û	1170.1	19083197	.00727	117.96	72341.91	0.00	1251723.23	940.54	52.9Z.
321	1009.1	224298706	.00727	1615.95	62069.74	0.00	1073985.13	-551.65	0.00%
322	413.5	10307277	.00727	186.49	25434.38	0.00	252772.55	424.61	69.49%
323	577.5	9570873	.00727	120.49	35522.03	9.00	353025.75	499.81	88.29%
324	10ā.Ū	6117627	.00727	264.73	16.333.68	0.00	102698.40	345.57	50.2% 5c.2%
325	711.5	22665326	.ü0727	231.80	43764.36	Ü.ÜÜ	434939.95	575.50	62.89%
326	227.5	13756825	.00727	439.61	13793.52	0.00	139070.75	171.69	22.05% 22.07°
327	710.8	18246068	.00727	186.62	43721.31	0.00	434512.04	424.55	25.67. 25.47.
328	475.5	44532540	.00727	680.87	29248.00	0.00	290673.15	-69.57	0.65%
32 <del>9</del>	522.4	16406838	.00727	228.33	32132.82	0.90	317343.12	352.97	
330	559.0	12531644	.00727	163.27	34322.58	0.00	341105.40	448.03	62.65% 73.29%
331	1095.7	51413011	.00727	340.20	67581.04	0.00	1169340.41	724.19	60.04%
332	507.0	34561228	.00727	818.44	18883.57	0.00	187059.10	-207.14	6.11.
333	1554.4	31535351	.00727	157.27	63309.14	0.60	14-1487.92	255.93	34,.2%
334	265.0	11967894	.00727	328.33	16300.15	0.00	151974.58	283,97	40.2%
335	465.5	6795298	.00727	106.13	28632.90	30.0	2845:0.13	505.17	52.5%,
336	887.5	13775108	.ûū727	112.86	54590.12	9.99	542528.75	475.44	81.544
337	7e8.1	8293445	.00727	77.04	47245.83	0.00	469539.53	533.66	51.374 51.377
333	460.7	5609540	.00727	88.48	28349.96	0.63	281748.17	522.82	5 .30. 9 <b>5.</b> 59,
339	375.7	6351642	.00727	121.55	23367.65	6.90	232232.87	489.75	50.124
340	715.5	9143616	.00727	92.91	44010.40	0.00	437585.15	518.39	84.85%
341	529.0	9067162	.00727	124.61	32538.79	0.00	323377.70	480.69	94.93% 77.62%
342	481.5	8330351	.00727	125.78	29617.06	0.00	294340.95	485.52	77.62/. 79.42/.
343	855.5	14095903	.00727	119.79	52621.81	0.00	522967.15	451.51	89.49%
344	412.0	5458977	.00727	96.33	25342.12	0.00	251955.60	514.97	84.24 <u>;</u>
345	3374.5	78700961	.00727	169.55	7565.49	0.00	3591480.35	894.75	64.07%
346	544.0	13271393	.00727	177.30	33441.44	0.00	332547.20	433.54	79.99%
347	373.7	15186557	.00727	291.55	23293.84	6.00	231499.31	319.75	73.21% 52.31%
343	Ÿìê.Z	12569100	.00727	100.31	55478.48	0.00	561295.66	517.73 513.99	32.5∜. 83.5∜.
347	283.5	11989551	.96727	€ <b>07.4</b> 6	17438.08	0.00	173263.55	515.24	49.70.
359	429.Ū	19710461	.00727	334.02	26387.79	0.00 0.00	262247.70	277.29	
351	282.0	26165374	.00727	674.62	17945.82	0.00	172386.60	-62.32	45.36'. 3.685
352	1252.0	35033877	.00727	212.63	75780.32	0.00	1511217.où	851.67	3.53% sa att
353	1884.0	28655817	.00727	110.62	115884.84	0.00	2005141.23	953.58	88.02% 88.1.1
354	222.5	15509823	.00727	506.77	13485.98	0.00	136014.25	733.30 104.53	89.50.
			·			0.00	100017.23	197.00	176%



355	552.1	20938582	.00727	275.72	33759.67	0.00	337498.73	<b>335.5</b> 8	54.90%
356	399.5	9711868	.00727	176.73	24573.24	0.00	244214.35	454.57	71.07%
357	574.0	8068652	.00727	87.03	41457.74	0.00	412016.20	524.27	85.75%.
358	402.5	8807426	.00727	159.12	24757.77	0.00	246043.25	452.18	78.97%
357	212.5	8841247	.00727	302.47	13070.88	0.00	129901.25	308.63	
პის	301.0	9793442	.00727	236.54	18514.51	0.00	184001.30	374.7a	50.52%
361	985.5	38843157	.00727	286.54	o0618.10	0.00	602436.15	324.76	6Bii.
362	780.3	101714100	.00727	947.66	47996.25	0.00	476997.39	-336.36	53.13%
363	۵Ū5.5	110847385	.00727	1330.90	37244.31	0.00	370142.15	-330.38 -717.60	₫.69% 6.03%
364	700.0	28287915	.00727	212.35	55359.00	0.00	550170.00	378.95	9.00%
365	967.6	30396330	.00727	228.38	59517.08	0.00	591493.88	370.73 382.92	65.25%
366	560.ů	19598346	.00727	254.43	34445.49	0.00	342328.00	356.87	62.64% E0.000
367	1096.0	1571 2899	.00727	104.23	67414.96	0.00	1106472.60	950.07	58.38%
358	1442.6	28356915	.00727	142.91	88734.33	0.00	1535359.13	700.07 921.39	96.21%
307	208.0	8402979	.00727	227.95	16484.68	0.00	163628.40	721.37 323.35	85.57%
571	219.5	10688676	.00727	362.88	12947.85	0.00	128672.65	242.42	oŽ.71%
372	ů. 1 تَ	8936539	.00727	108.10	36967.51	0.00	367391.30		37.66.
373	3035.7	52972852	.00727	126.86	186725.91	0.00	3239895.51	503.20	82.31%
374	490.0	41981130	.00727	622.86	30139.90	0.00	299537.00	937.44	65.06%
375	1163.0	43334984	.00727	270.89	71536.13	0.00	1237789.90	-11.56	0.00%
376	541.1	15009149	.00727	201.66	33283.06	0.00	330774.43	793.41	74.55%
377	778.0	16125474	.00727	150.68	47854.78	0.00		409.64	67.01%
378	514.5	10000887	.00727	141.31	31646.90	0.00	475591.40	460.62	75.35%
379	1561.6	33961009	.00727	158.10	70054.02	0.00	314513.85	469.99	76.58%
386	599.0	15865127	.00727	192.55	36844.49	0.00	1662010.88	965.20	55.14%.
381	251.5	9115444	.00727	263.50	15469.76	0.00	366163.70	4!8.75	o∂.50%
35Z	1524.0	40663739	.00727	223.28	81439.24	0.00 0.00	153741.95	347.80	56.921.
383	5548.6	123846761	.00727	153.95	359747.39	9.00	1409133.20	£41.92	79.32.
384	248.5	7632754	.00727	229.15	15285.23	9.00 9.00	6224664.98	910.35	85.544.
385	1564.0	26682188	.00727	124.03	96201.64	0.00	151508.05	382.15	02.51%
386	288.0	10261054	.00727	259.02	17714.88	0.00 0.00	1664565.20	940.27	85.35%
357	385.8	9717134	.00727	182.07	23865 <b>.8</b> 8	0.00 0.00	176954.40	352.25	57.63%
388	352.5	16940240	.00727	349.36	21682.27	0.03 0.36	237184.40	429,23	70.224
387	o51.5	21804855	.00727	229.24	42534.17		215483.25	241.92	42,88.
370	141.5	6518359	.90727	350.32	9703.66	0.00 a aa	422713,45	392.0a	:I.E.
392	475.5	16147536	.00727	246.88	29248.00	0.00 a ac	88495.95	250.96	42.57.
37.3	303.0	5611881	.00727	230.62	18637.53	0.00 6.55	290673.15	364.41	59.s.%
394	1233.0	13343104	.00727	76.67	75841.83	0.00 a.a.	185223.90	380.68	52.2%
395	364.0	26653509	.00727	532.34	22369.64	0.00 0.00	1312231.90	985.63	ÿZ.:i
396	655.2	9154452	.00727	90.92	42146.65		222513.20	78.98	12.92%
597	294.5	12842128	.00727	317.02	18114.69	0.09 0.00	418862.76	514.58	84.15%
378	412.5	11411769	.00727	201.12	25372.88	0.00 0.00	180027.65	294.28	45.14%
399	170.5	18988252	.00727	809.65	10487.45	0.00	252161.25	61.01P	67
400	794.5	24118570	.00727	220.69	48869.69	0.00 0.00	104226.65	-193.35	0.03%
401	173.0	15502771	.80727	651.47	10641.23	0.00	485677.85	570.61	63.90%
402	1813.5	26096927	.00727	104.62	111548.38	9.60	105754.90	-49.17	ð.66.
413	352.0	17145071	.00727	354.12	21,351.52	0.60 0.60	1950108.05	959.68 •== 4:	96.175.
404	745.9	12327327	.00727	126.15	45880.31	0.00 9.00	215177.66	257.18	42.6.
405	755.1	24012707	.00727	232.73			455765.67	491.15	50.35
400	465.9	5260115	.00727	79.52	46198.65 29580.16	9.00 5.55	458536.13	378 <b>.</b> 57	::.::.
407	1232.7	56570307	.00727	77.32 333.63	27089.18 75823.38	9.00 6.00	293974.17	5378	ā3.÷÷.
498	539.5	14102073	.00727	190.04		6.00 5.60	1311962.61	780.67	sē.:59.
405	1677.1	32278259	.00727	139.92	33184.64 100158 43	9.0g a aa	329796.35	421.26	δ5.9.j.
410	596.7	16547315	.00727	201.61	103158.42	0.00 a aa	1784937.53	924.38	50.85%
	4/41/	•9016.01.0	100121	701.01	36703.62	0.00	364762.71	409.69	67.32°.



411	248.3	5930241	.00727	173.63	15272.93	0.00	151795.79	437.67	71 435
412	529.0	16625938	.00727	228.49	32538.79	0.00	323377.70	362.81	71.63% 52.62%
413	1943.0	38690813	.00727	144.77	119513.93	0.00	2067734.99	919.53	56,46%
415	1100.1	27684377	.00727	182.95	67667.15	0.00	1170836.43	581.35	52.81%.
416	1024.0	19888813	.00727	141.20	62986.24	û.90	1989843,20	923.10	86.73%
417	972.5	27121605	.00727	202.75	59818.47	0.00	594489.25	498.55	ce.83%
41 E	2288.3	77023974	.00727	244.71	140753.33	0.00	2435437.69	819.57	77.31%
419	384.5	13469387	.00727	254.67	23650.59	0.00	235044.85	3563	55.34).
420	629.0	12260552	.00727	141.71	38689.79	0.00	384507 <b>.</b> 70	469.59	76.62%
421	378.5	7262025	.00727	137.48	23281.53	0.00	231377.05	471.82	77.18%
422	430.0	21407373		361.93	26449.30	ŭ.00	262559.06	249.37	40.79%
423	420.0	15939512	.00727	272.02	26203.26	0.00	260413.80	339.28	55.50%
424	118.0	13804876	.00727	850.52	7258.18	0.00	72133.40	-239.22	0.05%
425	295.5	5133198	.00727	126.29	18176.20	5.00	180639.15	465.01	
426	259.0	9465551	.00727	265.69	15931.09	0.00	158326.76	945.ai	77.54, 56.54%
427	oū5.5	19818703	.00727	237.96	37244.31	0.00	370142.15	373.34	
420	5328.9	69728376	.00727	195.90	204760.54	0.00	3542948.27	568.34	51.07%. 61.59%
429	382.5	4662137	.00727	88.61	23527.58	0.00	233822.25	522.69	
430	643.7	11642302	.00727	131.49	39593.99	0.00	393493.81	479.81	85.56% 25.70%
431	691.0	27659661	.00727	291.01	42503.41	0.00	422408.30	320.29	78.49% =3.49%
432	463.5	13792788	.00727	248.51	24819.28	0.00	246659.55	362.79	52.46% 53.65
433	179.5	5904453	.00727	215.16	12271.24	0.00	121954.35		59.35%
434	1215.2	14450326	.00727	86.45	74746.95	0.00	1293337.36	395.14 977.65	54.80°.
435	1380.5	25682951	.00727	134.67	85283.61	0.00	1475551.95		91.85% an aer
430	864.7	14945119	.00727	135.02	49497.10	0.00	491913.11	929.63 475.25	87.35% 77.35%
437	3319.6	66379379	.00727	145.37	204188.60	0.00	3533050.28	918.93	77.91%
433	353.8	20915317	.99727	429.87	21762,24	6.00	216277.94	181.43	85.34.
437	399.0	5411534	.00727	98.60	24542.49	0.00	243908.70	512.76	29.68'. 55.57'
440	718.0	15156397	.00727	153.46	44164.18	9.60	438913.40		83.87%
441	941.0	21871724	.00727	168.98	57880.91	0.00	575233.30	457.84 442.32	74.50'.
442	378.1	12033020	.00727	231.37	23256.93	0.00	231132.53	379.93	72,36% 43,45%
443	4120.1	91821236	.00727	162.02	253427.35	0.00	4385022.43	902.26	62.15%
444	366.0	25252713	.00727	475.61	23742.86	0.90	235761.53	702.20 135.57	84.784.
445	2755.6	50707764	.00727	133,00	170112.00	9.99	2943428.08	9303	22.21*. 87.46%
445	2343.8	46510250	.00727	144.58	144167.14	0.00	2494506.34	917.72	
447	o40.5	8766787	.00727	99.51	39397.15	0.00	39:537.65	717.72 511.79	86,42% 55,72%
448	366.5	12565968	.60727	236.36	اه. 23773	0.00	236267.45	374.94	63,72%
449	438.J	10458211	.00727	113.94	39243.38	0.00	390009.40	492.36	61.33.
450	3226.5	54215254	.00727	122.16	198462.01	0.00	3433963.95	472.33 942.14	63.54°.
451	220.0	5137652	.00727	169.78	13532.20	0.00	134486.00	441.52	88.5 <u>2</u> %. 72.23%
452	493.0	63907938	.00727	970.73	30361.34	0.00	301737.68	-359.43	72.20. 3.69%
453	4200.0	62118557	.00727	106.01	262032.60	0.00	4533918.JO	958.29	કાર્યું. કુશારમાં,
454	342.0	4709609	.00727	100.11	21036.42	0.00	209064.00	511.19	70.04. 55.62.
455	152.5	7198536	.00727	343.17	9330.27	0.00	93223.25	258.15	43.96%
456	329.5	6018134	.00727	132.78	20267.54	0.00	201423.35	478.52	78.26%
457	5029.1	153976395	.13727	198,96	346245.94	0.00	5991051.13	565.44	31.32.
456	1150.5	14656197	.00727	92.60	70773.41	0.00	1224583.58	971.70	81.804
457	284.9	12256509	.00727	314.01	17463.84	0.66	173609.20	277.25	71.5 48.58.
400	742.9	22721325	.00727	222.62	45640.42	0.66	453534.60	277.27 358.65	45.55. 53.56.
46.	781.6	±3812733	.00727	129.55	48857.31	0.00 0.00	477425.30	000.00 462.72	
462	499.5	11708442	.00727	207.56	25188.34	0.00	250327.35	462.72 403.44	75.77
403	360.0	6517166	.00727	131.61	22143.60	0.33	220068.00	477 <b>.6</b> 9	00.031. 73.47).
404	1251.0	17580023	:00727	102.74	76949.01	0.00	1331489,30	901.50 901.50	78.47 78.357.
465	2273.1	50910359	.00727	162.83	139818.38	0.00	2419260.33	901.47	70.35% 84.70%
			*	<del></del>		05	-::::::::::::::::::::::::::::::::::::::	791.77	941787



					•				
466			.00727	234.75	67784.02	0.00	1172858,60	829.55	77.94%
467		26907353	.00727	373.28	34630.13	0.60	344161.50	238.02	58.94%
468			.00727	635.27	7319.69	0.00	72744.70	-25.97	0.09%
407			.00727	75.62	89895.85	9.00	1555474.45	958.05	92.89%
475		574721¢5	.00727	140.80	182524.77	0.00	3158203.82	923.53	80.77%
47 i	159.5	6868303	.00727	313.06	9810.84	0.00	97502.35	278.24	45.79%
473		30702048	.00727	185.23	74119.55	0.00	1282481.50	877.07	82.c0%
474		12794336	.00727	637.09	8980.46	0.00	89249.80	-25.79	8.69%
475		61729817	.00727	68.43	403364.13	0.00	6979360.11	995.87	93.57%
476			.00727	634.02	7504.22	Ű.ÜÜ	74578.60	-22.72	0.96%
477		11989562	.00727	396.20	13532.20	0.00	134486.00	215.16	35.15%
479	257.5	8011564	.ŪŪ727	226.19	15838.82	0.00	157409.75	385.11	63.17% 63.00%
486	3391.Ü	89826767	.ũũ727	192.58	208580.41	0.00	3609041.30	871.72	81.91°.
461	375.8		.00727	223.22	23115.46	0.00	229726.54	368.08	63.48%
482	367.0	20346568	.00727	403.05	22574.17	0.00	224347.10	266.25	59.07%
485	560.0	34378713	.00727	446.57	34445.60	0.00	342328.00	164.73	25.95%
484	571.ŭ	22403318	.00727	182.80	54805.41	0.00	544668.30	428.50	70.16%
486	251.3	7410261	.00727	214.63	15439.01	0.00	153436.30	390.07	04.67.
487	560.6	9331237	.00727	121.01	34482.51	0.00	342694.78	490.29	80.39%
488	326.5	10422576	.00727	232.07	20083.01	0.00	199589.45	379.23	62.04%
489	3200.1	80071787	.00727	178.23	200897.81	0.00	5476110.23	866.07	63.254
470	2017.0	41954725	.00727	151.22	124065.67	0.00	2146673.10	913.05	85.75%
471	783.2	7467929	.00727	69.32	48174.63	9.09	478770.16	541.53	85.co%
492	234.0	11873430	.00727	368.89	14393.34	0.00	143044.20	242.41	35.65i.
493	1231.5	27330226	.00727	161.34	75749.57	0.00	1310685.45	902.90	84.847
494	419.0	36458565	.00727	632.59	25772.69	0.00	256134.70	-21.27	0.00.
455	1092.8	35473062	.00727	236.03	67205.83	0.00	1162854.18	826.27	77.3Z/.
496	152.0	10699755	.00727	511.76	9349.52	0.00	92917.60	99.54	16.28%
497	7659.6	195279705	.00727	185.83	465911.80	0.00	8130 <i>8</i> 26.28	875.47	82.54%
498	391.2	10093058	.00727	187.57	24062.71	0.00	239140.56	423.73	69.3Z.
477	704.5	4835130	.90727	49.9Ū	43333.79	.0ū	430660.95	561.40	91.E4%
5ขย์	22131.4	326875449	.00727	107.38	1361302.41	9.00	23554449.02	750.92	87.50.
501	14151.7	317760995	.00727	167.01	872316.37	0.90	15093588.31	£97.30	24,21,
512	189.6	13071900	.06727	502.32	11625.39	3.00	115535.70	198.45	17,78,
503	1957.5	29621570	.00727	110.01	120405.82	9.00	2083367.25	954.29	ôf.ot`.
564	429.0	10224768	.06727	162.30	28171.59	0.00	279975.40	449.00	73,47,
595	312.0	4687727	.00727	109.23	19191.12	0.90	190725.50	502.07	82.15%
506	1605.1	26501962	.00727	121.39	98729.70	0.00	1708307.93	942.91	89.55%
597	382.0	73319681	.00727	1395.21	23496.82	0.00	233516.60	-783.51	0.5.
508	859.8	10519006	.00727	89.03	52837.09	Ů.ÜŨ	525106.70	522.27	85.44'.
309 	215.5	6639020	.ŭ0727	223.97	13255.40	0.00	131735.15	387.33	e3.36%
511	234.0	12919652	.00727	401.39	14393.34	0.00	143044.20	209.91	54.54%
512	27968.1	796559111	.00727	199.22	1787978.63	0.0	30937178.83	865.98	81.28%
	399755.2	11255101979	.00727 Mn	313.00 Mn	24588939.29	Ū Mn	380998747.19	419.40 Mg	<u>80.01</u> % √n



### APPENDIX 4 B

PERCENTAGE EQUALIZED GRANT

BY

PERCENT AID REQUIRED

TO FUND

ESTIMATED NEED MODEL



APPENDIX 48: FERCENTAGE EQUALIZED GRANT DATA BY PERCENT AID REQUIRED TO FUND THE ESTIMATED NEED MODEL HIGH TO LOV

ปรับ	FTE	HV 1987	State Mean	Revenue Under	Reguired Revenue to	Pct Aid 3	Rea. Revenue to Fund R/U	BPP are to District	Fercent Aid under
			Levy	Mn Levy	Fund AFM	AFM	Est. Need	3 Neec	Keed Model
263	1803.0	16225664	AA797	7E 40	11000C FD				
475		61729817	.00727 .00727	65.42	110902.53	0.00	1918932.90	558.88	93.85%
469		15202944	.00727	68.43	403364.13	0.00	6979360.11	955.87	93.57%
239		12795246	.00727	75.62 7. 70	89896.86	0.00	1555474.45	988.68	92.8%.
20 <i>3</i> 394	1233.0	13343104	.00727	76.72	74580.88	0.00	1290463.75	987.55	92,79%
434	1215.2	14450326	.00727 .00727	78.67	75841.93	0.00	1312281.90	985.53	92.61'.
477	704.5	4835130	.03727	86.45	74746.95	0.00	1298337.36	977.35	91.8E%
232	1651.8	20937425		49.90	43333.79	.00	430660.85	561.40	91,846
458	1150.6	14656197	.00727	92.15	101602.22	0.00	1756010.74	972.15	91.34%
70Z	1882.0	24968380	.00727	92.60	79773.41	0.00	1224583.58	971.70	91.30%
Zol	3117.8		.00727	96.45	115761.82	0.00	2003012.60	967.85	90.94%
261 265	.740.1	41372600	.00727	96.47	191775.88	0.00	3318274.54	967.53	90.54%
202 202	3836.1	23585193	.00727	98.54	107033.55	0.00	1851988.43	965.76	70.74%
464	1251.û	53148939	.90727	100.73	235958.51	Û.ÛÛ	4082761.23	963.57	90.54%
307	1231.0 1070.0	17689023	.00727	102.74	76949.01	0.00	1331439.30	961.5e	90.85°.
307 432	1813.5	15712899	.00727	104.25	67414.96	0.00	1166472.80	960.97	90.21/.
453	4260.0	26996927	.00727	104.62	111548.38	0.00	1930108.05	959.68	90.17.
500	22131-4	62118557	.00727	106.01	262032.60	0.00	4533918.00	758.29	96.34%
503	1957.5	326875449	.00727	107.38	1361302.41	បិលិ	23554449.02	956.92	85.51%
204		29621570	,00727	110.01	120405.82	0.00	2083367.25	954.29	89.cc.
204 353	2073.0	31441142	.00727	110.26	127510.23	0.00	2206293.90	954.04	87.64).
	1884.0 3585.a	28665817	.00727	110.62	115884.84	0.00	2005141.20	953.63	89.61%
250	2505.0	44687539	.00727	111.68	178932.59	0.00	3996948.70	,952.62	ة. £1°.
45	1335.9	10400021	.06727	115.22	63908.59	0.00	1105807.70	949.05	87.17.
253	2.35.5	34353026	.03727	116.95	151354.60	0.00	2272812.55	947.85	B=.1./.
323	1176.1	17963197	.00727	117.96	72341.91	0.96	1251723,29	१४४,३४	22,921
267 734	1355.5	22491285	.00727	118.19	85099.08	0.00	1472459.05	940.1.	δβ.∓υ'n.
471	783.Z	7407929	.06727	69.52	48174.63	0.00	478/70.16	541.98	55.¢¢∕.
30 <i>o</i>	1005.1	26501762	.00727	121.39	98729.70	0.20	1708307.93	942 <b>.</b> 91	86.59'.
257	1740.0	29248558	.00727	121.79	107396.46	0.00	1658257.80	942.51	88.5c).
450	3226.5	54215264	.00727	122.16	198462.01	0.00	3433963.95	942.14	55.5 <i>2</i> .
385 234	1564.0	26682138	.00727	124.03	96201.64	9.00	1064505.20	940.27	85.35%
	2046,5 3035.7	35285463	.00727	125.36	125880.21	0.00	2178089.95	938.94	86.22°.
373 203		52972852	.00727	126.86	186725.91	0.00	3230895.51	937.44	88.0E.
293 233	964.9 12139.6	9785527	.00727	73.80	59295.54	0.00	589293.20	537.50	87.93%
445	2765.6	216122462	.60727	129.43	746706.80	0.00	12920176.25	984.67	87.94%
265		50707784	.00727	133.30	170112.06	0.00	2943428.08	931.00	87.48%
435	1654.7 1686.5	34073587	.00727	133.56	114082.60	0.00	1973957.21	989.74	87.454
730 537	700.1	25682961	.00727	134.67	85253.61	0.50	1475651.95	\$25.63	87.3 <b>5</b> 1.
253		8293445	.06727	77.64	47245.83	3.00	469537.53	555.00	£7,£01.
205 40e	4460.5 480.7	82945104	.00727	135.17	274365.35	9.30	4747810.15	929.11	37.21.
		52e0115	.00727	79.52	29590.16	0.00	293974.17	531.75	õe,99°.
231 409	1656.2	51601966 55376386	.00727	138.72	101872.86	0.00	1752593.66	925.53	85,977.
407	1677.1 2967.4	32278259	.00727	139.92	103158.42	9.00	1784937.53	924.38	S1.5E.,
w. U	470/.4	57472165	.00727	140.80	182524.77	8.03	3158203.32	923.50	86.77%



416	1024.0	19888813	.00727	141.20	62986.24	0.00	1089843.20	923.10	86.73%
505	6,75.8	130025743	.ûû727	141.60	410628.46	0.00	7105053.94	922.70	32.76%
368	1442.6	28356915	.00727	142.71	88734.33	0.00	1535359.18	921.39	86.57.
440		4661 û 250	.00727	144.58	144167.14	0.00	2494506.34	9.9.72	80.42.
413	1943.0	38690813	.ûÿ727	144.77	119513.93	0.00	2067934.90	919.53	85.43%
437	3317.0	66379379	.ûû?27	145.37	204188.60	0.00	3533053.28	9.8.93	Bo.34°.
101	1104.5	22376356	.00727	147.28	57937.79	0.00	1175519.35	917.02	86.16.
49Ū	2017.0	41954725	.00727	151.22	124065.67	0.00	2146693.10	913.08	85.79%
357	674.û	8068652	.00727	87.03	41457.74	0.00	412016.20	524.27	85.7±%
313	2145.5	45166262	.09727	153.05	131969.70	0.00	2283455.65	911.25	85.52%
383	5848.6	123846961	.00727	153.95	359747.39	Û.ŪÛ	6224664.98	510.35	85.54%
338	460.9	5607540	.00727	88.48	28349.96	0.00	281748.17	522.82	85.53%
429	382.5	4662137	.ûû727	88.61	23527.58	0.00	233822.25	522.69	85.58%
5ข8	859.0	10519006	.00727	89.03	52837.09	0.00	525:36.70	522.27	85.44%
246	587.5	7245186	.00727	87.06	36137.12	0.00	359138.75	521.64	25.23%
3.79	1561.6	33951009	.90727	158.13	96054.02	0.00	1552016.88	93a.20	554%
493	1231.5	27330226	.00727	161.34	75749.57	6.00	1310685.45	702.70	84.84.
340	715.5	9143015	.00727	92.91	44010.40	0.09	437385.15	518.39	64.6%.
443	4120.1	91821236	.00727	162.02	253427.35	0.00	4385022.43	902.28	84.78%
405	2273.1	50910359	.00727	162.83	139818.38	0.00	2419260.33	901.47	84.70%
30 ÿ	1472.5	33118199	.00727	163.51	90573.47	0.60	1567181.75	900.79	94.64%
308	4897.3	111820437	.00727	166.00	301232.92	0.00	5212196.39	298.30	54.49°,
501	14181.7	325760905	.00727	147.00	872316.37	û.00	15093583.31	897.30	64.31%
344	412.0	5456977	.00727	96.33	25342.12	0.00	251855.oû	514.97	54.24%
376	685.2	9134452	.00727	96.92	42146.65	0.00	418862.76	514.38	24.15.
333	1354.4	31535351	.ūû727	169.27	83309.14	0.00	1441487.92	895.03	
345	3374.5	78700961	.00727	169.55	207565.49	0.00	3591480.35	894.75	84.13% 84.07%
439	397.Û	5411534	.00727	98.00	24542.49	0.00	245908.70	512.70	65.67%.
447	o40.5	8766787	.û0727	99.51	39397.15	0.00	391537.65	511.79	63.7 <i>2</i> %
454	342.5	4709609	.00727	100.11	21036.42	Ū.00	209064.60	511.17	83.62%
348	918.Z	12669100	.00727	100.31	56478.48	0.00	561295.66	510.79	83.5%.
467	3200.1	80071787	.00727	178.23	200897.81	0.00	3476119.23	855.07	83.25%
247	420.5	5072170	.06727	104.98	25864.95	0.00	257051.65	50 <b>0.</b> 32	52.23.
4.5	1100	27684377	.01727	182.95	67667.15	0.00	1170556.43	5835	82.81.
535	405.5	<del>1795238 ما</del>	.30727	100.13	28632.90	0.00	284560.15	505.17	52.51. 52.54.
473	1205.0	30702048	.00727	185.23	74119.55	Ů.ŰŨ	1282481.56	577.17	52.0°.
497	7639.0	195279705	.00727	185.83	469911.80	0.00	8130825.28	878.47	52.5-%
229	ۇ£95.0	168667464	.90727	155.93	405658.45	0.00	7019058.50	878.37	52.53%
259	43368.5	1110929480	.00727	186.23	2667596.44	Ú.ŮÚ	46157994.55	878.37	62.53°
372	0.100	8936539	.00727	108.10	36967.51	0.00	367391.30	503.20	52.52°,
505	312.0	4657727	.00727	109.23	19191.12	0.00	190725.60	502.17	52.15.
459	5391.0	89626767	.00727	192.58	208580.41	9.00	3609041.30	871.72	52.13. 81.7.,
428	3328.9	89728376	.00727	195.96	204769.64	0.00	3542948.27	868.34	81.59.
335	567.5	13778108	.00727	112.86	54590.12	0.00	542528.75	496.44	2).E4'.
457	5029.1	153976395	.00727	198.86	346245.94	0.00	5591051.13	865.44	£1.2Z4
512	29068.1	796559111	.ûû727	199.22	1787978.83	0.13	30937178.53	865.98	81,28.
315	1210.5	33323302	.00727	200.13	74457.65	Ű.ÜÜ	1288335.15	864.17	\$1.25%
312	1123.5	31188521	.00727	201.82	69106.49	0.60	1195741.35	862.48	51.29/. 5/.
255	¢67.7	10co0544	.00727	115.07	41970.23	9.00	403165.01	495.25	51.37.
250	3236.8	144664706	.00727	202.30	329270.27	0.06	5541577.24	562.00	51.01. 65.44.
444	<b>0.860</b>	10438211	.30727	118.54	59243.38	9.00	390009.40	472.30	69.54'.
343	855.5	14095903	.00727	119.79	52621.81	9.00	522967.15	491.5.	69.434 88.434
464	745.9	12527327	.00727	120.15	45880.31	6.00	455768.67	491.15	50.45%
323	577.5	9570873	.00727	120.49	35522.03	0.00	353025.75	470.81	50.27. 63.27.
								0.4161	UV (474



487		9331237	.00727	121.01	34482.51	0.00	342594.78	490.29	ಪಿಸಿ ಕ=×
337		6351642	.00727	121.55	23367.65	0.60	232232.87	489.75	80.27. 83.\Y.
352	1232.0	36033877	.00727	212.53	7578û.32	0.00	1311217.60	851.e7	83,.2,
341	529.0	9667162	.00727	124.64	32538.79	0.05	323377.70	455.21	
342	481.5	8336351	.00727	125.78	29617.06	0.00	294340.93	485.52	75.cZ.
247	779.5	13525656	.00727	126.13	47947.05	0.00	474596.35		39.4 <b>2</b> .
425		5133198	.00727	126.29	18176.20	0.00	180639.15	455.17	.7.3
288		8713964	.00727	127.21	30631.98	0.00		485.01	75,54°,
382		40663939	.00727	223.28	81439.24	0.00	304427.40	484.09	79.15.
461	781.û	13812733	-00727	128.58	48039.31	0.00	1409133.20	841.02	77.02.
287	720.5	13150877	.00727	131.40	44687.01	0.00	477425.30	482.72	75.57.
430	643.7	11642592	.00727	131.49	39593.99		444109.45	479.90	78.50%
463	350.0	6517165	.03727	131.61	22143.60	0.00	993493.81	479.81	78.45%
455	329.5	6018134	.00727	132.78	20267.54	0.00	220065.00	479.05	78.47.
400	1102.5	35583300	.00727	234.75	67784.92	0.00	201423.35	478.52	78.22.
435	504.7	14945119	.00727	135.62	49497.10	0.00	1172855.60	829.55	77.54.
475	1092.6	35473062	.06727	236.03	67205.83	0.00	4219151	476.28	77.74.
421	378.5	7262025	.00727	139.48		0.03	1152854.18	828.27	77.12%
418	2288.3	77023974	.00727	244.71	23281.53	0.00	231377.05	471.62	?7.1±4
378	514.5	10000887	.00727		140753.33	0.00	2435437.69	619.59	27.91%
420	529.0	12260552		141.31	31646.90	0.00	3:4513.55	469.77	₹6.95%
243	486.5	7627717	.00727	141.71	32689.79	0.00	384507.70	469.59	74.827.
211	78a.5	7627717 14405468	.00727	143.87	29924.61	0.00	297397.45	467.43	76.4e%
377	778.3	16125424	.06727	148.23	43456.81	0.00	431863.45	465.07	75.75
440	718.0		.00727	150.68	47854.78	0.00	475591.40	463.62	75,35.
235	478.5	1515639	.00727	153.46	44164.18	0.00	458913.40	457.84	74,41,
230 375	1165.0	10154310	.00727	154.73	29432.53	0.00	192597.95	456.57	74.e7.
352		43334934	.00727	270.89	71536.13	0.00	1237780.90	793.41	74.55.
504	402.5	8899426	.03727	159.12	24757.77	0.00	246048.25	452.18	75.47.
330	458.0 255 A	10224768	.06727	162.30	28171.58	0.00	279975.40	445.66	7E.48.
	358.0	12531644	.00727	163.27	34322.58	0.00	341105.40	448.03	73.27.
44:	941.0	21871724	.00727	168.58	57889.91	6.00	575233.30	442.32	72,35°.
451	223.0	5137652	.00727	157.78	13532.20	0.00	154455.83	441.52	72,23,
222	501.3	11701541	.0.727	169.86	39816.51	0.00	30c2s1.30	441.Ej	72.22.
222	411.0	19135318	.00727	171.27	26449.30	0.00	202107.30	44),13	~÷ŝ*.
268	537.5	12763674	.00727	171.82	33061.62	0.16	323573.75	487,45	7 27.
278	318.8	7377076	.00727	173.00	19068.10	Ů.88	189503.00	438.30	A mes
411	246.3	5930241	.00727	173.63	15272.93	0.00	151785.79	437.67	7a0.
265	652.j	16342019	.00727	174.29	41949.82	9.09	415706.00	₩E7.10	7. 27.
356	359.5	9711868	.00727	176.73	24573.24	0.00	244214.55	434.57	71.07%
307	334.0	8127226	.00727	176.90	20544.34	0.00	204174.20	લેંડેને.નફ	71
340	544.0	13271373	.00727	177.56	33461.44	0.00	332547.20	435.94	71.97.
387	358.0	9717134	.00727	182.07	23865.88	0.00	237154.40	429.23	70.22.
484	891.0	22403318	.00727	162.80	54805.41	0.00	544668.30	428.50	79.10%
322	415.5	13507277	.00727	150.49	25434.38	0.00	252772.55	424.91	45,45
327	710.6	16246066	.00727	186.62	43721.31	0.00	484512.64	F24.66	47.47.
478	391.2	10093058	.00727	187.57	24062.71	0.00	239140.55	423.73	e5.12.
285	177.5	4626351	.66727	189.57	19918.02	9.60	198505.75	421.73	45,44
4)É	534.5	14132573	.00727	170.04	23124.64	9.00	129796.35	421.26	41.7.
497	.212.7	56570307	.30727	355.63	75623.88	v.39	1211742.61	733.47	45.45.
360	300.0	15865127	.00727	192.55	35544.45	5 <b>.</b> 99	300108.70	416.75	e2.50.
256	021.3	10009426	.60727	194.76	38136.20	0.00	37700a.00	410.54	22.1-
381	.e75.7	5141301:	.00727	340.20	67581.04	0.00	1155245.41	724.13	55.94°.
251	e59.2	:5322952	.00727	195.84	41837.10	ð.89	415806.26	415.40	
376	4:2.5	11411769	.39727	201.12	25372.88	9.00	252161.25	410.18	67
									W1 1144



410	596.7	547315ما	.00727	201.61	36703.02	0.00	304762.71	469,69	57.9 <b>2.</b>
370	541.1	15009149	.00727	201.66	33283.06	0.00	333774.43	467.04	o7.02.
240	451.7	13391946	09727	202.12	29629.37	0.30	294463.21	409.18	25.74%
417	972.5	27121605	.63727	202.75	59818.47	0.05	594489.25	405.55	23.744 23.25.
204	942.5	26855120	.00727	207.17	57973.17	0.90	576150.25	454.13	
462	407.5	11705442	.00727	207.80	25188.34	0.00	250327.35	433.44	00.111.
304	900.6	26287915	.00727	212.35	55359.00	0.00	550170.00	373.95	\$3.50¥
486	251.0	7410261	.00727	214.63	15437.01	0.00	153435.30	370.73 370.c7	:5.25%
453	199.5	5904453	.00727	215.16	12271.24	0.00	121954.35		64.8%
272	547.0	16303704	.00727	216.69	33645.97	0.00	334381.10	595.14	64.59%
460	794.5	2411857û	.00727	220.69	48869.69	0.00		394.61	64.55%
4où	742.0	22721326	.06727	722.62	45640.42	0.00	485677.85 459584. <sub>0</sub> 0	390.61	63.96h
461	375.8	11538558	.00727	223.22	23115.46	0.00 6.00		386.68	65,56%
252	482.5	14828157	.00727	223.65	23113.46 27647.82		229726.54	286.08	63,48%
569	215.5	5639020 5639020	.00727	223.97		0.00	274546.50	357.63	53.4.%
4.9	257.5	8911564	.00727	226.19	13255.40 15938.82	0.30	131735.15	587.88	:5.16%
367	208.0	8402979	.00727	227.95		0.00	157409.75	365.1.	≎ફ.ઉ∂.
329	522.4	16406838	.00727	228.33	16484.68	0.00	163528.40	323,35	62.71%
365	707.6	30396339	.00727	228.33	32132.82	0.00	319343.12	382,97	62.65%
41 <i>2</i>	529.0	1662 <b>59</b> 38			59517.08	0.00	591493.88	382.92	62.64%
384	248.5	7832754	.00727	228.49	32538.79	9.00	323377.70	382.81	٥2.٥2.
587	691.5		.00727	229.15	15285.23	0.00	151908.05	552.15	62.51%
238	208.5	21704853	.00727	229.24	42534.17	0.60	2713.95	382.06	62,53%
237		6587196	.00727	229.75	12924.53	0.00	127456.05	361.55	62,42%
227 373	643.0 653.4	20399821	.00727	230.53	39550.93	0.00	5 <del>7</del> 3965.90	560.77	62,27%
	S03.0	9611881	.00727	230.62	18637.53	0.06	185223.93	365.58	62.2%.
442	378.1	12033020	.00727	231.37	23256.93	0.00	231132.53	879.93	62.15%
325	711.5	22685326	.00727	231.80	43764.36	0.00	434939.95	379.50	62.38%
468	320.5	10422576	.00727	232.07	20083.01	0.00	199589.45	379.23	o2.34%.
405	750.1	24012707	.00727	232.73	45138.65	<b>Ů</b> .Ūΰ	458536.13	378.57	61.95%
448	380.5	12565908	.00727	236.36	23773.61	0.00	236267.45	374.94	61.35%
360	301.0	9793442	.00727	236.5	16514.51	0.00	184001.30	374.76	e1.31%
273	780.0	25426694	.00727	236.99	47977.80	0.00	4758:4.00	374.31	61.23%
<b>427</b>	5.56ء	19818703	.00727	237.95	37244.31	j.03	370142.15	373.34	1
255	333.0	10512236	.00727	238.23	20482.83	0.08	203562.98	373.07	4.,61.
511	263.5	8573539	.00727	237.30	16207.89	0.00	161077.55	272 <b>.</b> 80	61,85A
239	642.5	21345287	.00727	241.53	39520.17	0.00	392760,25	369.77	55.4%,
315	472.5	15939619	.00727	245.25	29063.47	0.00	285839.25	360.35	59.47., 57.88.
372	475.5	16147636	.00727	245.88	27248.00	Ū.ĐŪ	290673.15	364.42	57,65% 59,61%
432	463.5	13792768	.00727	248.51	24819.28	0.60	246659.55	362.77	
102	576.ú	19864212	.00727	249.47	35552.78	0.00	353331,40	361.63	59.35% 59.194
212	203.5	6991725	.00727	249.78	12517.28	0.00	124399.55	361.52	
206	506.0	17447915	.00727	250.48	31124.06	0.00	309317.50	301.32 303.62	59.14). =5.559
366	5 <b>60.</b> 0	19598346	.00727	254.43	34445.60	0.00	342328.00	356.87	58.99% 55.55%
297	417.0	14668970	.00727	254.52	25772.69	0.00	255134.70		₹8.38%
319	384.5	13469387	.00727	254.67	23650.59	0.00 0.66		355.73	58.36.
386	288.)	10201054	.60727	259.02	17714.88	0.00 0.00	235044.85	356.33	58.34%
235	202.0	7198450	.06727	259.07	12425.02	0.00 9.00	176054.40	3 <b>52.</b> 28	57.69.
38i	251.5	7115444	.00727	263.50	15469.76		129492.63	352.23	57.62.
324	168.0	6117627	.00727	263.30 264.73		0.59	153741.75	347.80	5e.₹6%
245	317.5	11537231	.00727	204.75 204.89	19333.68	9.99	102695.40	346.57	Ēģ, 29',
440	259.0	7405551	.00727		19652.44	0.00	195310.35	340.50	50.08.
310	510.Ú	19147276		265.59 245.77	15931.09	0.00	158825.70	345.61	5೬.5⊮.
423	420.ŭ	17147276 15y39512	.00727 .44757	269.77	51739.16	0.00	315430.80	341.53	55.87%
355	552.1	10939512 20938582	.00727	272.02	26203.26	0.00	260413.80	339.28	55.50%
	477.1	20735352	.00727	275.72	33959.67	0.00	337498.73	335.58	54.99%



282	446.9	17021619	.00727	276.90	27489.82	0.00	273189.97	334.40	21 7/
279	198.5	7587161	.09727	277.53	12207.75	0.00	121342.05	333.42	54.76%
294	582.5	22948867	.00727	286.42	35829.57	0.00	37e032.25	339.42 324.83	54.54%
Sol	995.5	38643157	.09727	255.54	69613.10	0.00	602456.15		53.157.
205	607.5	24312310	.00727	290.95	37367.32	0.00	371364.75	324.76	555
431	:91.0	27657651	.09727	291.01	42593.41	0.00		329,35	531.
347	376.7	15156837	.00727	291.55	23293.84		422408.80	323.17	512.
306	657.1	27172799	.00727	300.64	40418.22	0.00 0.00	231499.31	319.75	53, 314
224	483.4	16741572	.00727	301.71		0.00	401685.23	313.65	53.82.
359	212.5	8841247	.00727	302.47	24813.13	0.00	246598.42	309.59	50.54%
345	233.5	11787551	.00727	307.46	13079.88	0.00	129901.25	398.83	50.52%
471	157.5	6868303	.00727		17438.08	0.09	173303.55	303.84	49.70L
293	320.5	10017996		313.06	9810.84	0.00	97502.35	299.24	48.75%
457	254.6	1226669	.00727	313.42	19713.95	0.00	155921.65	297.88	48.73%
397	274.5		.00727	314.01	17468.84	ຍີ.ນີ້	173607.20	297,27	48.534
241		12842128	.06727	317,62	18114.69	0.99	180027.55	274.25	-3., ii.
	322.0	14104060	.00727	319.79	1980à.22	0.00	190838.00	291.51	47.45.
270	401.0	18080755	.00727	527.80	24665.51	0.00	245131.30	253.50	46.88.
334 355	205.0	11967894	.00727	328.33	16300.15	90.6	161994.50	282.57	46.25%
350	429.0	19710461	.00727	334.02	26387.79	0.00	262247.70	277.28	45.36%
264	540.5	25133780	.00727	338.06	33246.15	0.00	330407.65	273.24	44.70%
281	504.6	23635372	.00727	340.53	31037.95	0.00	302461.98	276.77	44.25%
223	384.5	18978945	.00727	341.83	23659.59	0.00	235044.85	269.47	44.08%
455	152.5	7198538	.00727	343.17	9380.27	0.90	98223.25	268.15	43.55.
254	862.0	38090956	.00727	345.29	49331.02	0.09	490262.60	255.01	45.5Zi
368	352.5	16940246	.00727	349.38	21682.27	0.00	215483.25	Zol.72	42.55%
379	141.5	6818399	.00727	350.32	8793.66	0.00	85498.95	260.98	42.6%
213	128.0	173979ع	.00727	350.66	7973 28	0.00	73246.40	250.64	42.64.
275	117.3	5702850	.00727	351.03	734:.22	0.00	72958.65	260.27	42.58%
403	552.0	17145671	.00727	354.12	21.51.52	0.00	215177.60	257.18	42.07
422	450.0	21407373	.00727	361-93	26449.30	0.00	262859.00	249.37	42.9 % 48.79%
37 i	210.5	19080076	.00727	363.86	12947.85	0.00	129673.35	242.42	
492	234.0	11979430	.00727	368.8⊽	14393.34	0.00	143044.20	242.41	39.50%.
3.5	142.5	7268865	.60727	370.41	87£5.!7	9.99	67115.25	242.41	39.acy
272	210.5	10759041	.00.727	371.58	12947.85	0.90	129578.55		29,4.°,
407	ნტკ.ე	25967353	.00727	373.28	34639.13	9.00	244161.90	289.72	39,5.7
221	172.5	685c597	.00727	373.69	10010.48	0.00	105449.75	238.02	88,94%
164	295.5	10045149	.00727	377.51	12609.55	0.09 0.00		237.62	35.27.
274	475.5	24745656	.00727	378.36	29248.00	0.00	125916.50	255.79	15.24.
ζ-,	496.0	21274100	.00727	320.94	24973.06		290573.15	232.94	35.1.4
-	147.5	7945040	.00727	391.69	24773.00 9072.73	0.00	248187.50	230.36	37.48.
279	489.0	26603544	.00727	371.00 375.52		0.00	90166.75	219.70	35.944.
477	220.0	11789562	.00727	375.32 396.20	30078.39	0.00	298925 70	215.75	35.30%
511	254.0	12919652	.39727	370.20 401.39	13532.20	0.00	134486.00	215.10	35.17%
482	307.0	2034a5a8			14393.34	0.00	143044.20	209.91	34.54%
214	1539.1	149167192	.00727	403.05	22574.17	0.00	224347.10	208.25	54.∂7%
438	353.6	20919317	.00727	722.92	92271.15	0.00	1590550.43	941.Sā	32.981.
320	227.5		.00727	429.87	21762.24	0.00	216277.94	151.43	29.58%
302 302	204.5	13756829	.00727	435.61	13993.52	2.00	139070,75	171.69	28.37.
		12402110	.00727	444.10	12578.80	0.09	125010.85	167.20	27.35%
483 * 7	560.0 75 ∈	34392913	.39727	446.57	34445.60	0.00	342328.00	164.73	že.95%
	73.5	4575833 1633337	.60727	452.90	4520.98	მ.შშ	44930.55	155.40	25.5%
225	167.0	10773754	.00727	465.46	19395.19	9.00	115309.70	147.84	Z=.12'.
444	386.8	25252713	.00727	475.61	23742.86	0.00	235961.88	135.69	22.20%
314	149.5	10055999	.00727	489.01	9195.74	0.95	91387.35	122.27	20.564
303	322.5	21912017	.00727	493.95	19836.97	0.00	197144.25	117.35	17.23%
								*	



28	ŭ 124.8	8466891	.00727	496.41	7407 04	A 65	775-12		
5ü			.00727	502.82	7627.24 11625.39	0.00	75801.20	114.59	18.83.
-3			.00727	506.27	17314.14	0.00 0.00	115535.70	108.48	17.75%
35			.00727	506.27	13085.98	0.06	191948.20	165.63	17.18%
22			.00727	510.71		0.00 6.55	136014.25	104.53	17.16.
49,			.00727	511.78	14977.68	9.90	148851.55	190.39	.:.42%
10			.00727	518.50	9349.52	9.00	92917.60	97.54	15.25.
21			.00727	527.81	13870.50	0.60	137848.15	92.80	15.18
39			.00727	527.61 532.34	12517.28	0.00	124379.55	83.49	15.00%
300			.00727		22389.64	0.00	222513.20	75.96	12.92%
242			.00727	542.26	25864.95	0.00	257051.65	69.04	11.2%
218			.00727	549.91	6673.84	9.00	66326.05	61.59	16.94%
228			.00727	554.55	36659.96	0.00	364334.80	50.75	7.28%
554				556.58	8549.89 7-37	0.00	84970.70	54.72	5.95%
200			.00727	574.99	7596.48	0.00	75495.55	36.5.	5,74%
209			.60727	661.28	20719.42	9.00	205824.71	-47.98	9.30%
210			.00727	5080.50	\$937.40	0.00	88821.69	-2469.59	3,80%
215			.00727	1394.37	55295.22	0.00	548641.75	-788.97	0.00%
21 :		138578950 44148764	.00727	1473.94	42134.35	0.00	418740.50	-852 <b>.</b> 64	5.12.
217			.00727	1261.15	15654.30	0.60	155575.85	-649.85	9.36%
220		57832171	.00727	1946.48	13236.16	0.00	132040.80	-1335.18	0.00%
220		28655649	.00727	876.43	14620.93	0.00	145306.01	-265.13	6.69%
244		58155719	.00727	1653.03	24696.26	0.00	245435.95	-441.73	ð.90 <sub>0</sub> .
		493247327	.90727	4683.77	47092.06	0.90	450011.29	-4072. 7	0.000
269		15884436	.00727	614.25	11563.88	ē.00	114924.40	-2.95	1.13%
275		10255602	.00727	687.17	o673 <b>.</b> 84	0.00	6 <del>63</del> 26.95	-75.87	3.30%
259		15009184	.00727	650.04	12824.83	0.00	127456.05	ē.74	0.00.
501	91.0	10940530	.00727	874.04	5597.41	0.00	55628.30	-242.74	9.0%
321	1009.1	224298706	.00727	1615.95	62069 <b>.</b> 74	0.00	1073985.13	-551.65	6.00%
328	475.5	44532540	.00727	680 <b>.</b> 87	29248.00	0.00	290673.15	-59.57	0.00%
332	307.0	34561228	.00727	818.44	18883.57	0.00	187659.10	-207.14	0.00%
351	252.0	26168374	.00727	074.62	17345.82	0.00	172385.60	-63.32	6.66.
362	780.3	161714100	.00727	947.66	47996.25	0.00	476997.39	-336.36	0.99%
363	ئ.5.5 دون	119847385	.00727	1330.90	57244.31	6.30	579142.15	-719.66	0.IC.
374	470.0	41981136	.00727	622.36	39139.99	0.8¢	299537.00	-11.55	0.00.
355	179.5	18766252	.63727	გმწ.ბე	16467.45	6.09	104225.55	-198.35	ā.J.,
491	173.0	.550 2771	.00727	ან1.47	10041.23	$\hat{v}_*, \hat{j}\hat{g}$	:95754.96	-40.17	5.57%
424	.18.0	12604676	.00727	850.52	7258.19	9.96	72133.40	-237.22	5.00%
452	473.6	65907958	.00727	970.73	39361.34	0.00	391737.68	-355.43	0.CT.
468	119.0	19398531	.00727	635.27	7319.69	9.00	72744.70	-23.97	0.00%
474	140.0	12794336	.00727	337.09	8780.46	0.00	E9249	-25.79	9.000.
476	122.0	10639601	.00727	634.02	7504.22	0.00	74573.60	-22.72	6.00%
494	419.û	36458565	.00727	632.59	25772.69	0.00	255134.79	-21.29	0.53%
5ú7	382.0	73310681	.00727	1395.21	23476.82	0.00	233516.50	-788,91	ė. 90°.
	599755.2	11255101979	.00727 Mn	313.00 Mn	24568939.28	6 tin	380998747.19	419.40 đn	60.01% Mr



## APPENDIX 4 C

PERCENTAGE EQUALIZED GRANT

BY

PERCENT AID REQUIRED

TO FUND

ESTIMATED NEED MODEL

IN RURAL AND URBAN DISTRICTS



APPENDIX 4C

PERCENTAGE EQUALIZED GRANT DATA BY PERCENT AID REQUIRED TO FUND THE ESTIMATED NEED MODEL IN URBAN DISTRICTS

USD	FTE	AV 1987	State Mean Levy	Revenue Under Mn Levy	Required Revenue to Fund APM	Pct Aid 9 APH	Req. Revehue to Fund R/U Est. Neea	BPP aid to District 9 Need	Percent Aid under Need Model
263	1803.0	16225664	.00727	65.42	110902.53	0.00	1918932.90	998.88	93.85%
475	6557.7	61729817	.00727	68.43	403364.13	0.00	6979360.11	995.87	93.57%
469	1461.5	15202944	.00727	5.62	89896.86	0.00	1555474,45	988.68	92.89%
230	12:2.5	12795266	.00727	76.72	74580.88	0.00	1290463.75	987.58	92.79%
394	1233.0	13343104	.00727	78.57	75841.83	0.00	1312281.90	985.63	92.61%
434	1215.2	14450326	.00727	86.45	74746.95	0.00	1293337.36	977.25	c88%
232	1651.8	20937425	.00727	92.15	101602.22	0.00	1758010.74	972.15	91.34%
458	1150.6	14656197	.00727	92.60	70773.41	0.00	1224583.58	971.70	91.30%
262	1882.0	24968380	.00727	96.45	115761.82	0.00	2003012.60	967.85	90.94%
201	3117.8	41372600	.00727	96.47	191775.88	0.00	3318274.54	967.83	90.0 <sub>-%</sub>
266	1740.1	23585193	.00727	98.54	107033.55	0.00	1851988.43	965.76	90.74%
262	3836.1	53148939	.00727	100.73	235958.51	0.00	4082761.23	963.57	90.54%
464	1251.0	17 <i>6</i> °2023	.08727	102.74	76949.01	0.00	1331439.30	961.56	90.35%
367	1096.0	15712899	.00727	104.23	67414.96	0.00	1166472.80	960.07	90.21%
402	1813.5	26096927	.00727	104.62	111548.38	0.00	1930108.05	959.68	90.17%
453	4260.0	62118557	.00727	106.01	262032.60	0.00	4533918.00	958.29	90.04%
500 =20	22131.4	326875449	.00727	107.38	1361302.41	0.00	23554449.02	956.92	89.91%
503	1957.5	29621570	.00727	110.01	120405.82	0.00	2083367.25	954.29	89.66%
204	2073.0	31441142	.00727	110.26	127510.23	0.00	2206293.90	954.04	89.64%
353	1884.0	28665817	.00727	110.62	115884.84	0.00	2005141.20	953.68	89.61%
25û	2909.6	44687539	.00727	111.68	178932.59	0.00	3096048.70	952.62	89.51%
248	1039.0	16466831	.00727	115.22	63908.89	0.00	1105807.70	949.08	80.17%
296 320	2135.5	34353626	.00727	116.95	131354.60	0.00	2272812.65	947.35	89.01%
320 267	1176.1	19083197	.00727	117.96	72341.91	0.00	1251723.23	946.34	<b>8</b> 8.92%
20 <i>1</i> 506	1383.5	22491285	.00727	118.19	85099.08	0.00	1472459.05	946.11	88.9î%
257	1605.1 1746.0	26801962	.00727	121.39	98729.70	0.00	1708307.93	942.91	88.59%
450	3226.5	29248558	.00727	121.79	107396.46	0.00	1858267.80	942.51	88.56%
385	1564.0	54215264	.00727	122.16	198462.01	0.00	3433963.95	942.14	88.52%
234	2046.5	26682188	.90727	124.03	96201.64	0.00	1664565.20	940.27	88.35%
373	3035,7	35288463 52972852	.00727	125.36	125880.21	0.00	2178089.95	938.94	88.22%
233	12139.6	216122462	.00727 .00727	126.86	186725.91	0.00	3230895.51	937.44	88.08%
445	2765.6	50707784	.00727	129.43	746706.80	0.00	12920176.28	934.87	87.84%
265	1854.7	34073587	.00727	133.30	170112.06	0.00	2943428.08	931.00	87.48%
435	1386.5	25682961	.00727	133.56 134.67	114082.60	0.00	1973957.21	930.74	87.45%
253	4469.5	829451 <b>0</b> 4	.00727	134.67	85283.61	0.00	1475651.95	929.63	87.35%
231	1656.2	31601966	.00727	133.19	274365.35	0.00	4747310.15	929.11	87.36%
409	1677.1	32278259	.00727	130.12	101872.86	0.00	1762693.66	925.58	86.97%
470	2967.4	57472165	.00727	140.80	103158.42	0.00	1784937.53	924.38	86.85%
416	1024.0	19888813	.00727	141.20	182524.77	0.00	3158203.82	923.50	86.77%
305	6675.8	130025743	.00727	141.20	62986.24 410628.46	0.00	1089843.20	923.10	86.73%
368	1442.6	28356915	.00727	142.91	88734.33	0.00	7105053.94	922.70	86.70%
446	2343.8	46610250	.00727	144.58		0.00	1535359.18	921.39	86.57%
413	1943.0	38690813	.00727	144.56	144167.14 119513.93	0.00 0.00	249 1506.34 2067934.90	919.72 919.53	86.42% 86.40%



437		66379379	.00727	145.37	204188.60	0.00	3533050.28	918,93	86.34°
16.		22376356	.00727	147.25	67937.79	0.00	1175519.35	917.02	25.15,
450		41954725	•80727	151.22	124055.67	0.00	2146693,15	913,65	85.7%.
313		451 55252	.00727	153.05	131959.70	0.00	2253455.65	925	65.52%
383		123646961	.33727	153.95	559747.39	0.00	6224664.98	910.85	85.54,
379		33961009	.00727	158.10	96054.02	0.60	1602010.88	950.26	85.14).
493		27350226	.00727	161.34	75749.57	0.00	1310625,45	902.95	54.54%
443	_	91821236	.00727	162.02	253427.35	0.00	4385022.43	902.28	84.78%
465		56910359	.00727	162.83	139818.38	0.0)	2419260.33	901.47	64.70°.
599		33118199	.00727	163.51	90573.47	0.00	1567181.75	700.79	84.64%
398		111820437	.ůů727	166.90	301232.92	9.00	5212196.39	898.30	84.45%
501	14181.7	325760905	.00727	167.00	872316.37	0.00	15093583,31	897.30	84.3.%
353		31535351	.00727	169.27	83389.14	0.00	1441487.92	995.98	54,133,
345	3374.5	78703761	.00727	169.55	207565.49	0.00	3591482.35	294.75	24.47.
459	3266.:	80071787	.99727	178.23	200897.81	0.00	3475:10.23	85:.6 <sup>-</sup>	33.25
415	1165.1	27564377	.ēu727	182.95	67007.15	9.09	1170835.43	531.35	E2, E.A
473	1205.0	30702948	.00727	185.23	74119.55	0.00	1262481.50	87°.97	52.:3.
497	7637.6	195279705	.00727	185.83	469911.80	0.00	8130826.28	878.47	82.544
227	63 <del>7</del> 5.0	168657464	.00727	185.93	405658.45	0.00	7019058.50	876.37	82.53%
257	43348.5	1110929480	.00727	186.23	2667596.44	0.00	46157094.55	878.07	62.5%
460	5391.0	89826767	.00727	192.58	208580.41	0.00	3609041.30	671.72	61.71%
428	3328.9	89728376	.00727	195.96	204760.64	Ũ.OO	3542943,27	508.34	81.573
457	5629.1	153976395	.00727	198.86	346245.94	0.00	5991051.13	c65.44	E: .3Z/,
512	29068.1	796559111	.00727	199.22	1787978.83	0.00	30937178.83	805.68	81,28%
315	i210.5	38323302	.00727	200.13	74457.85	0.00	1288335.15	ão4.17	31 . 20%
31Z	1122.5	31188521	.06727	201.82	69105.49	0.00	1195741.05	8:2,45	ā1.34%
ŽeŪ	5206.6	144864706	.50727	202.30	320270.27	$\hat{\sigma}, \hat{0}\hat{\sigma}$	5541597.24	6 <b>62.</b> 03	86.77%
352	1232.0	36033877	.00727	212.63	7 <b>5</b> 780.32	0.09	1311217.60	851.	50.02/.
362	1324.0	40003737	.00727	223.28	81439.24	0.00	1409133.20	541.02	77.62%
400	1102.0	35583300	.00727	234.75	67784.02	0.00	1172658.60	829,55	77.94%
495	1092.5	35473662	.00727	236.03	67205.83	0.00	1152854.18	826.27	77.52%
418	2268.3	77023974	•ûû727	244.71	140753.33	9.53	2435437.59	519.59	77,01
375	1103.9	43334784	.00727	276.89	71536.13	$\theta_{*}(\xi)$	1257750.76	793.41	74,55,
467	1252.7	56572307	.00727	333.63	75823.33	0.00	1311952.61	730.67	aΞ.aΞ.
33:	1698.7	51413011	.00727	349.20	67581.04	0.99	1169346.41	729.15	ēē,8€,
21-	1599.1	149167192	.00727	722.92	92271.15	0.00	1596555.43	3433	52.tE%
321	1007.1	224259706	.00727	1615.95	62069.74	0.50	1073935.13	-551.65	5,887.
	301608.0	6794442983	.00727 Mn	174.90 Mn	18551908.08	Ū Mn	321001394.40	889.40 Mn	84.21% ~5

FERCENTAGE EQUALIZED GRANT CATA BY PERCENT AID REQUIRED TO FUND THE ESTIMATED NEED MODEL IN RURAL DISTRICTS

499 491 205 337 406 357 356 429 506	794.5 783.2 964.9 768.1 480.9 674.0 460.9 382.5 859.0	4635130 7467929 9785527 8203445 5200115 8008652 5009540 4662137 10519006	.00727 .00727 .00727 .00727 .00727 .00727 .00727 .00727	49.50 69.37 73.80 77.64 79.52 87.03 88.48 88.61 89.09	43333.79 48174.63 59295.64 47245.83 29580.16 41457.74 28349.96 23527.58	.00 0.00 0.00 0.00 0.00 0.00 0.00	430.60.85 476770.16 589293.20 469539.53 293974.17 412016.20 281748.17 233822.25	561.40 5496 537.50 533.65 531.73 524.27 522.82 522.69	91.84/ 85.ad 87.93/ 87.83/ 88.99/ 85.73/ 85.53/
508	₫ <b>5</b> 9.0	10519006	.00727	89.03	52837.69	0.00	525106.70	522.27	85.4



200	587.5	7245186	.00727	89.65	36137.12	0.00	359138.75	521.64	85.33%
349	715.5	9143515	.00727	92.91	44010.40	0.00	487385.15	513.39	84.5%
<b>ટેવે</b> વે	412.0	5452977	.00727	96.33	25342.12	0.00	251955.69	514.57	84.24).
376	665.Z	71.544 <u>5</u> 2	.00727	90.72	42146.55	0.00	415842.75	5138	
437	395.0	5411534	.00727	98.50	24542.49	0.00	243708.70	5:2.73	84.15% 33.35%
447	640.5	8766767	.60727	99.51	39397.15	9.00	39:537.65		33.67%
454	342.9	4709699	.00727	100.11	21036.42	0.00	207064.60	511.79	53,72%
345	918.2	12669100	.00727	100.31	56478.48	0.09 00.0		5:1.17	83.624
249	420.5	6072170	.00727	104.98	25864.95	0.00	561295.66	519.99	S3.55%
335	465.5	6795238	.00727	106.13	28632.90	0.00	257051.65	566.32	82.85%
372	601.Ū	8936539	00727	108.10	36967.51		284560.15	505.17	82.64%
505	312.0	4687727	.00727	109.23	19191.12	0.00	367391.30	503.20	82.52%
356	887.5	13778108	.00727	112.86	54599.12	0.00 	190725.80	502.07	\$2,13%
259	607.7	19559544	.00727	116.07	41070.23	0.00	542528.75	495,42	ô1.5%,
445	638.0	19438211	.50727	118.94		6.03	408165.01	4 <sup>9</sup> 5.33	81.311;
343	SE5.5	14095903	.00727	119.79	39243.38	0.90	390019.46	492.36	69.84%
404	745.9	12327327	.00727		52621.81	0.00	522967.15	451.51	86.46%
325	577.5	9570873		120.15	45280.31	0.00	455968.67	491.15	60.35%
487	5.7.5 5.0.6	737 <i>0673</i> 9331 <i>2</i> 37	.00727	120.49	35522.03	9.00	353025.75	490.81	80.29%
339	3 <b>00.6</b> 379.9	6351642	.00727	121.01	34482.51	0.00	342694.78	490.29	90 <b>.</b> 2011
337 341			.00727	121.55	23367.65	0.00	232232.87	459.75	80.12%
342 342	527.0	9067142	.00727	124.61	32538.79	0.00	323377.70	456.69	7º.6Z.
	481.5	8330351	.00727	125.78	29617.06	0.00	294340.95	405.52	79.42%
247	779.5	13523666	.00727	126.13	47947.04	0.00	476503.35	485.17	79.37.
425	295.5	5133198	.00727	126.29	18176.20	0.60	150639.15	465.01	79.5%
285	498.3	8713954	.00727	127.21	30631.98	0.00	- 304427.40	484.09	79.19%
461	781.û	15812723	.00727	128.59	48039.31	9.00	477425.30	462.72	78.97%
287	726.5	13130877	.00727	131.40	44697.01	0.00	444109.45	477.90	78.5%
430	643.7	11642302	.00727	131,49	39593.99	0.00	393493.81	479.81	75,49%
463	360.5	ó517166	.00727	131.61	22143.50	0.00	220058.00	479.69	78.47%
455	329.5	6018134	.00727	132.78	20267.54	0.00	201423.35	478.52	75.28%
456	884.7	14945119	.00727	135.02	49497.10	0.00	491913.11	476.25	77.91%
421	378.5	7262625	.00727	139.48	23291.53	0.00	231377.35	471.92	77.:£.
375	514.5	13600687	.00727	141.31	31646.93	0.0č	3145:3.55	469.49	75.884
420	629.0	122:5552	.00727	141.71	38669.79	0.00	334507.79	457.57	75.324
243	486.5	9027717	.00727	143.87	27924.61	3.03	297397.45	40. 43	70.404
211	705.5	14405468	.00727	148.23	43456.81	0.00	431883.45	455.07	75.7E.
277	778.0	16125474	.00727	150.68	47854.78	0.00	475591.48	463.62	75.351
440	718.0	15156377	.00727	153.46	44154.18	0.00	438913.40	457.84	74.961.
235	478.5	10184310	.60727	154.73	29432.53	0.00	292507.05	456.57	74.69%
358	402.5	8809426	.00727	159.12	24757.77	0.30	246048.25	452.18	79.67% 72.57%
534	458.0	10224768	.00727	162.30	28171.58	0.00	279975.40	440.00	73.45%
330	558.0	12331044	.00727	163.27	34322.58	Ŭ.ŨŨ	341103.40	448.Ů3	73.29%
441	941.0	21871724	.00727	168.98	57880.5:	0.00	575233.36		
451	220.0	5137652	.00727	169.78	13532.20	0.00	134486.00	442.32	72.36%
286	501.0	11701541	00727	167.80	30816.51	0.00		441.52	73.23%
222	430.0	10150318	.00727	171.27	26449.30	0.00	306261.30	441,58	72.22%
268	537.5	12703574	.60727	171.82	33061.62		262357.00	440.03	71.98%
273	310.0	7377076	.00727	173.00	19068.10	0.00	328573.75	439.48	7:.85%
411	248.3	5939241	.00727	173.55		0.90	189583.60	438.30	71.79%
295	082.Ů	16342019	.00727		15272.93	0.00	151765.79	437.57	1. 20
355	379.5	9711868	.00727	174.20 174.73	41949.82	0.30	410700.00	457.10	71.56%
307	534.ú	8127225		176.73	24573.24	0.00	244214.35	434.57	71.05".
346	544.0	13271393	.00727	176.90	20544.34	0.00	204174.20	434.40	71.05.
387	368.0		.00727	177.36	33461.44	0.00	332547.20	433.94	70.99%
JUI	900.0	9717134	.00727	182.07	29735.88	0.00	237124.43	429.29	70.22%



484	891.Ü	22403318	.00727	182.80	54895.41	0.00	544568.39	428.50	70.16%
322	413.5	10637277	.00727	186.49	25434.38		252772.55	424.51	67.47%
327	710.8	18246058	.00727	180.62	43721.31		434512.04	424.6E	67.47
478	391,2	10093058	.99727	187.57	24062.71		239140.56	423.73	
283	177.5	4628351	.90727	189.57	10913.02	0.03	198505.75	.273	
<del>i</del> ùō	537.5	14102573	.09727	190.04	33184.64	0.00	329796.35	421.26	
380	599.6	15865. 37	.00727	192.55	36844.49		300168.70	418.75	
258	620.0	16609438	.00727	194.76	39136.20	0.00	37900 <b>6.</b> 00	416.54	
251	685.Z	18322952	.00727	195.84	41839.10		415806.26		
398	412.5	11411769		201.12	25072.88		252161.25		67.96%
41 Ū	59ა.7	16547315	.00727	201.61	36703.02		364762.71		
376	541.1	15009149	.00727	201.66	33283.06		330774.43	407.67 407.64	
240	481.7	13391946	.00727	202.12	29629.37		294463.21	407.84 407.18	
417	972.5	27121605	.08727		59818.47		594489.25		
204	942.5	26858129	.00727	207.17	57973.17		574467.25 576158.25		
40Z	409.5	11708442	.00727		25188.34		250327.35		
364	ŸŨŨ.Ũ	26287915	.00727	212.35	55359.00		550170.00		-
456	251.û	7410261	.00727		15439.01		153436.30		
433	199.5	5904453	.00727		12271.24		103436.30	596.67	64.87%
272	547.0	16303704	.00727		33645.97	0.00	121954.35	396.14	04.39%
400	754.5	24118570	.00727		48869.69		934381.10	₹ <sup>7</sup> 4.61	
400	742.3	22721326	.00727	222.62			485677.85	370.61	63.76%
481	375.8	1:536558	.00727	223.22		0.00	455584.60	385.65	
252	462.3	14628157	.00727	223.65				386.36	
509		0039020	.00727	223.97		6.00		357.65	
479	257.5	8011564	.00727	225.19		0.00	131735.15	397.53	
วิวรั	208.Ü	8402979		227.95	15838.82	0.00	157409.75	325.11	
329	522.4	16496538	.00727	228.33	1:484.68	0.00	153528.40	283.35	
305	767.6	30396330	.00727	220.00	32132.82	0.00	319343.12	382.97	_
412	529.0	16025938	.00727	228.38	59517.08	0.00	591493.88		
384		7832754	.00727	228.49	32538.79	0.00	323377.70	362,61	
329	591.5	21604853	.00727	229.15	15285.23	0.00	151908.05		
235		21609033 3537176		229.24	42534.17		422713.95		
237	200.3 543.9	20367821	.00727	229.75	12824.83		137456.05		
373	303.9	20007921 5411551	.19727	239,57		0.00	393665.99	530.77	52.2%,
442	378.1	9611881 12033020	.00727		18637.53	0.00	185213.90	350.es	62.27°.
325	71:.5		.00727	231 ,37	28256.93	9.00	231132.53	979.93	e2.15%
488	326.5	22685326	.00727	231.80	43764.36	0.00	434939.95	379.50	62.08%
403	750.1	10422576 24012707	.00727	232.07	20083.01	0.00	199589.45	379.23	62.94%
448	386.5		.00727	232.73	46138.65	0.00	458536.13	373.57	61.95%
360	301.0	12565908 9793442	.00727	236.36	23773.61	0.00	296267.45	3.74.54	61.88%
273	301.0 780.0		.00727	236.54	18514.51	0.00	184001.30	374.76	61.315
427		25426604 19815700	.00727	236.99	47977.50		476814.00	374.31	61.23%
727 256	ამ5.5	19818703	.00727	237.96	37244.31	0.00	370142.15	373.54	61.97%
	333.0	10912236	.00727	238.23	20482.83	0.00	203562.90	378.07	61.53%
311 237	263.5	8673589	.00727	239.30	16207.89	Ū.ŪÛ	161077.53	372.00	aj.85%
	642.5	21345267	.00727	241.53	39520.17	6.90	392750.25	369.77	00.49%
313	472.5	15939619	.00727	245,25	29963.47	0.00	282339.25	366.83	59.884.
392 333	475.5	16147636	.00727	246.88	29248.00	0.00	290673.15	364,42	57.cF.
432	403.5	19792788	.00727	248.51	24819.29	ā.09	245659.55	362.79	59.35),
102	378.0	19834212	.00727	245.47	35552.78	0.00	353331:	36.165	59.15%
212 587	293.5	6991725	.03727	249.78	12517.28	0.00	124399.55	351.52	574.
206 37	ემბაშ —	17447915	.00727	250.68	31124.66	0.00	309317.30	300.6Z	53.99%
360	5 <u>0</u> 0.0	19598346	.00727	234.43	34445.60	0.00	342328.00	350.87	58.38%
297	419.0	14068970	.00727	254.52	25772.69	0.00	256134.70	350.78	53.36%



419	384.5	13759387	.00727	254.67	23653.59	0.00	235044.85	355.63	55,34%
380	288.Ú	10261054	.00727	259,02	17714,88	0.00	175054.40	353.63 352.29	
285	202.0	7198490	.00727	259.07	12425.02	0.00	123482.60	352.23	57.53%
581	251.5	9115444	.00727	263.50	15469.76	0.30	153741.95	347.98	57.524
324	165.0	6117627	.05727	264.73	10333.68	0.30	102598,40		55.9%
245	319,5	11637231	.00727	264.60	19052.44	0.90	195315.35	146.57	55.6₹.
420	259.0	9465551	.00727	265,69	15931.09	0.50 0.60	159326.70	346.50	50.65% = =0
319	510.0	19147276	.00727	269.77	31739.16	0.00	315430.80	345.61	50.54%
423	426.0	15739512	.00727	272.02	26203,26	0.00	260413.80	341.53	55.67%
355	552.1	20938582	.00727	275.72	33959.67	0.00		337.28	55.50%
282	446.9	17021619	.00727	276.90	27488.82	0.00	337498.73	335.58	54.99%
279	198.5	7587161	.00727	277.88	12209.73		273189.97	334.40	54.70%
294	582.5	22949867	.00727	286.42	35829,57	0.00 0.00	121343.05	333.42	54.54%
301	965.5	35543157	.00727	286.54	60618.10	0.00	856982.25	324.69	53.15.
205	a67 <b>.</b> 5	24312310	.00727	290.95	37367.32	0.06	602436.15	324.76	53.13%
451	691.0	27659661	.00727	291.01		0.00 0.00	371364.75	320.35	52. +1%
347	378.7	15186857	.00727	271.01	42503.41	0.00	422408.30	320,27	52,40,
30c	ە57.1	27173399	.06727	271.33 300.64	23293.54	9.00	231499.31	319.75	52.51%
224	403.4	16741572	.00727		40418.22	0.00	401685.23	310.00	50.8 <i>2</i> 4
359	212.5	8841247		301.71	24813.13	0.00	246598.42	309.59	50.64%
349	285.5	11989551	.00727	302.47	13070.88	0.00	129901,25	308.83	50.527.
471	159.5	11767331 6668393	.00727	307.45	17438.08	0.00	173303.55	303.84	47.70).
273	:37.5 320.5	0000303 13817096	.00727	313.06	9310.84	0.00	97502.35	278.24	45.75%
459	320.3 264.0		.00727	313.42	19713.95	0.00	195921.55	297.88	45.73/.
35?	294.5	12266609	.00727	314.01	17468.84	ű.ÜÜ	173609.20	297.29	45.65.
37. 241		12842128	.00727	317.02	18114.59	0.00	180027.85	294.25	45.14,
291 296	322.0	14164066	.00727	317.79	19806.22	0.96	196838.60	291.51	47.67%
	401.3	18080733	.00727	327.80	24665.51	0.00	245131.30	263.50	46.35
334 554	265.0	11967894	.00727	328.33	16300.15	0.00	161994.50	282.57	40.29%
350	429.0	19710461	.00727	334.02	26387.79	0.00	262247.70	277.28	45,36%
284 534	540.5	25133759	.00727	338.05	53246.15	0.00	330497.65	275,25	44.70%
281	504.6	23635372	.09727	340.53	31037.95	0.00	305461.98	270.77	44.25%
223	324,5	18078945	.00727	341.83	23655.59	9.00	235044.35	259.47	44,35%
455	152.5	7: 98536	.06727	343.17	9350.27	0.00	93223.25	2:5.12	41.35,
254	802.0	36370975	.80727	345.25	49821.32	0.00	490252.60	255.01	-3,52,
388	352.5	16740245	.03727	349 38	21582,27	6.22	215458.25	261.92	42,35',
390	141.5	e81 S379	.00727	850.32	9703.66	0.09	86498.95	250.75	42.6%
2,3	125.0	6173979	.00727	350.66	7573,28	03.5	78245.40	200.04	42.544
295	119.3	57o2956	.00727	351.03	7341.22	0.00	72958.65	260.27	42.56).
403	352.0	17145671	.00727	354.12	21651.52	0.00	215177.60	257.18	42.8%.
422	430.0	21407373	.00727	361.93	26447.30	0.90	262859.00	249.27	49.794
371	216.5	10580678	.00727	363.88	12947.85	0.00	128675.65		39.66'.
492	254.0	11873450	.00727	368.89	14393.34	0.00	143044.20		37.66%
316	142.5	7260356	.00727	370.41	8765.17	0.00	87116.25	240.89	39.41%
292	210.5	10759041	.86727	371.58	12947.85	0.00	129678.65		35.21%
467	563.0	28907358	.00727	373.28	34630.13		344151.90		38.94%
221	172.5	8866F07	.00727	370.68	10610.48		135449.25	237.62	38.57%
104	205.0	10645149	.86727	377.51	12600.55		125316.50	233.79	33,24,
274	475.5	24746036	.00727	378,54	29248.66		270073.15	232,94	35.24. 35.1.4
271	406.3	21274100	.00727	380.9	24973.06	0.00	245187.80	230.35	57.56%
291	147.5	7945040	.90727	391.60	5072.73		90106.75	219.76	35,545,
270	489.Û	20003844	.00727	395.52	50078.39		298925.70	215.78	
477	220.0	11787562	.00727	396.20	13532,20	0.00	134486.00	215.10	35.30% 35.30%
511	234.0	12919652	.00727	401.39	14393.34	0.00	143044.20	215.10 209.91	35.19%
462	367.0	20346568	.00727	403.05	22574.17	0.00	224347.10	209.41 208.25	34.34% 94.67%
					PP01 1/11	0.190	447077180	230.23	34.07%



435			.00727	429.87	21762.24	0.00	216277.94	191.43	29.68.
526			.00727	439.61	13993.52	0.00	139070.75	171.65	28.09%
302		·	.05727	444.10	12578.80	0.00	125010.85	167.20	27.35%
463			.00727	440.57	34445.60	9.00	342329.00	104.73	26.95%
317			.00727	452.90	4520.98	0.00	44930.55	159.40	25,011
225			.00727	463.46	10395,19	9.00	103509.70	147,54	24.13%
444		25252713	.^3727	475.61	23742,56	0.00	255961.80	135.05	22.28%
514	149.5	10055599	.00727	489.01	9195.74	0.99	91389.35	122.29	
393	322.5	21912017	.00727	493.95	19836.97	0.00	157144.25	117.35	20.00%
286	124.0	8466891	.00727	496.41	7627.24	0.00	75801.20	114.85	19.261.
502	189.0	13071900	.00727	502.82	11625.39	0.00	115535,79		16.50%
255	514.0	21866431	.00727	506.27	19314.14	0.00	15 548,20	108.48	.7.75%
354	222.5		.00727	506.77	13695.98	0.00	136014.25	105.93	17.18).
227	243.5		.00727	510.91	14977.68	0.00		104.53	17.10%
470	152.0		.69727	511.76	9349.52	6.00 6.00	148651.55	100.59	10.42%
133	225.5		.00727	518.50	7347.32 13870.50		92917.65	99.54	10.22.
215	203.5		.00727	527.81		0.00	137545.15	92.89	15.18%
355	364.0		.00727 .00727	532.34	12517.28	0.00	124399.55	83.47	13.55
3(·ū	420.5				22389.64	0.00	222513.2	78 <b>.</b> 96	12.9ZA
242	108.5		.00727	542.26	25864.95	0.00	257051.65	69.04	11.29%
218	596.0		.00727	549.91	6673.84	0.00	66325.05	51.39	19.04%
228		45462536	.00727	554.55	36659.96	0.00	364334.80	55.75	9.28%
220 304	139.0	10641709	.00727	556.58	8549.89	0.00	84970.70	54.72	5.75.
	123.5	7767700	.03727	574.99	7596.48	0.00	75495.55	30.31	5,547,
Zlú	697.5	172158611	.06727	1394.57	55205.22	0.30	545641.75	-783.67	3.00%
362	780.3	101714.00	.00727	947.66	47996.25	0.00	476997.39	-336.36	1.01%
244	7c5.6	495247327	.00727	4683.79	47092.06	0.09	465011.28	-4672.49	9.33.
215	6.55.0	138878953	.00727	1473.94	42134.35	0.59	418746.56	-862.64	ē.%.
303	ەن5.5	110647385	.00727	1330.90	37244.31	0.00	370142.15	-719.60	0.00%
452	493.6	65907958	.00727	970.73	30361.34	0.00	301737.68	-359.43	0.06%
574	470.0	41981130	.00727	622.86	30139.90	Û.ÛŪ	299537.00	-11.56	0.00%
528	475.5	44532540	.00727	680 <b>.</b> 87	29248.00	0.00	290673.15	-69.57	0.06%
494	419.0	₹ <b>6</b> ₽5₽5	.00727	o32.59	25772.69	0.00	25a134.70	-2:.29	9,90%
220	₩5	56155719	.00727	1053.03	24070.20	0.00	245436.95	-4473	J.521.
567	382.3	75310:61	.00727	1395.21	23496.82	9.85	253516.60	-783.91	ð. J.C'.
290	336.7	30626428	.66727	561.28	20710.42	0.90	205824.71	-47.75	1.12.
332	307.0	<b>3</b> 4561228	.00727	918.44	18883.57	0.00	157:09.10	-297.14	5.991.
35.	252.3	20108374	.00727	674.62	17345.82	0.00	172985.39	-63.32	3,661
Zío	254.5	44148764	.00727	1201.15	15654.30	0.00	155575.85	-647.35	1.36%
226	237.7	28655649	.00727	876.43	14620.93	ů.ůů	145500.01	-265.13	8.88.
217	216.0	57832171	.00727	1945.48	13286.16	9.30	132040.80	-1335.15	0.00%
279	208.5	18069184	.00727	630.04	12824.83	0.00	127456.05	-18.74	9.96%
ŽÓΫ	183.0	15884436	.ūū727	614.25	11563.88	0.00	114924.40	-2.95	0.00%
401	173.0	15502771	.00727	651.47	10641.23	9.00	105754.90	-40.17	
359	170.5	18988252	00727	809.65	19487.45	0.00	104226.55		0.06%
474	145 û	12794336	.00727	637.09	a760.46	9.99	89249.80	-198.35	3.08% 3.08%
269	147.3	615737üü	.00727	3080.80	8937.40	0.99 8.96	67247.89 88821.89	-25.79 -31-5.55	8.0€. A ost
476	122.0	18639601		634.92	7564.22	0.00		-2469.50 -30.75	9.00%
408	1.9.6	10398531		635.27	7319.59	0.00 6.00	74578.65	-22.72	1.79.
424	112.0	13594376	.99717	850.52	7317.07 7258.15		72744,76	-23,97	3.00%
275	108.5	10255692		687.17	7230.15 5673.84	9.93 6 66	72155.40	-237,22	0.011
301	91.5	10940580	.00727	574.94		0.00 5.43	6c3Z6.05	-75.87	5.1P4
					5597.41	9.00	55525.88	-252.74	5,55%
	58147.1	4460658996	.00727 Ma	363.35 Mn	6037031.20	0 Mn	59997552.79	247.92 Mg	518% -



## APPENDIX 5 A

50/50 COST-SHARE GRANT

BY

PERCENT AID REQUIRED

TO FUND

ESTIMATED NEED MODEL



AFPENDIX 54 55-51 COST SHARE GRANT CATH BY FERCENT AND REQUIRED TO FUND THE ESTIMATED NEED NODEL HIGH TO LIX

<b>1</b> 52	FTE	нV 1967	State Mean	nuder geneune	Required Revenue to	Pot Ara 2	Req. Revenue to Funa Roj	EFF and to District	Fercent ⊢ ⊇ upcer
			Levy	Mn Levy	Fund AF1	AFM	Est. Neea	5 Need	1690 11006.
									*****
263		16225664	.00727	ه5.42	110902.53	9.9990	1918932.90	499.44	46.93%
475		61729817	.00727	68.43	403364.13	0.0000	6979869.11	497.93	40.72%
465		15262944	.00727	75.62	89890.86	0.0300	1555474,45	444,54	45,45,
230		:2795266	.63727	76.72	74550. <i>a</i> 8	8.0000	1291463.75	491.76	-1,-2,
154		13343104	.60727	78.€7	75841.93	6.6933	1312281.90	472.81	~2,3.,
454		14430326	.99727	86.45	74746.95	0.5996	1293337.36	465.93	45,44,
497		4835130	.00727	49.99	43333.79	.0003	450:50.55	260.73	45.72.
252		25957425	.00727	92.15	101632.22	0.9600	1758016.74	486.07	45.674
458	1150.6	14656197	.00727	92.50	76773.41	0.0000	1224083.55	485.65	45.65%
262	1882.5	24765360	.00727	96.43	115761.82	0.0000	2003012.50	463.92	45,474
201	3117.5	41372690	.00727	96.47	191775.88	6.0000	3818274.54	433.71	45,47%
250	1740.1	23585193	.00727	98.54	107033.55	0.0000	1851988.43	482.88	45.37.
202	3635.1	50148939	.63727	100.73	235958.51	0.0000	4082761.23	451.79	45.27,
404	1251.0	17680023	33727	102.74	70949.01	0.0000	1531439.30	450.75	4E.17.
367	1670.9	15712555	.00727	104.23	67414.96	0.0000	1156472.80	485.04	45.11.
402	1613.5	20090927	.00727	104.62	111548.35	0.0600	1933108.35	479.84	45,144
453	4200.0	62118557	.00727	106.01	262932.60	0.0000	4553918.00	479.15	45.02.
500	22131.4	320875449	.00727	107.38	1361302.41	0.0000	23554449.02	478.46	44,96),
563	1957.5	27621570	.00727	110.01	120405.82	0.0000	2083367.25	477.14	44.53%
204	2073.0	31441142	.90727	110.26	127510.23	0.0000	2206293.90	477.02	44,22,
353	1884.0	250:5817	.65727	110.62	115884.24	0.9000	200514:.21	470,84	44, <u>5</u> 0°,
250	2939.0	44667537	.36727	111.58	178932.59	0.8000	3098143.70	476.31	,71
3-2	,3E9.3	10468831	.00727	115.22	68988.89	0.132	113517.70	474,54	44.54
2::	2135.5	34359026	.03727	116.95	131354,69	3.0060	2272312.65	H72.41	,:.
320	1170	19088197	.60727	117.90	72841.91	0.0000	1251728.28	473,17	44,45
žė.	1383.5	22491285	.03727	115.19	55: FF.9 <i>8</i>	0.0000	1472455.35	473.úc	4-,
451	783.2	7407729	.83727	69.32	45174.63	0.0300	478770.1e	276.99	44,55,
5)6	1505.1	20801962	.00727	121.39	98729.70	0.0000	1708307.93	47:.45	44,500
257	1746.0	29248558	.00727	121.79	107396.46	0.0000	1856257.80	471.2:	4-,21,
450	3225.5	54215254	.36727	122.16	198462.01	0.0000	3433963.95	471.67	44.22.
385	1564.0	26682189	.90727	124.03	96201.64	1.0000	1664565.20	470.14	44,
234	20-30.5	35288463	.00727	125.36	125880.21	0.6860	2178887.95	457.47	44,15
373	2025.7	52972852	.00727	126.26	186725.51	0.2006	5230695.31	458.72	និង ខ្លឹង (
203	744.Ü	9755527	.00727	73.80	59295.54	0.0000	589203.20	268.75	48,76,
253	12137.6	210122462	.00727	129.43	746706.60	0.3000	12920176.28	467,44	42,42,
445	2765.6	59707784	.36727	133.30	179112.06	0.0000	2943425.08	455.50	43,74),
265	1654.7	34073587	.30727	183.54	114352.60	0.0000	1973957.2:	405.87	42.72.
485	1386.5	25682961	.30727	134.67	55283.01	9.3390	1475651.95	404.52	43.27,
357	758.1	5203445	.00727	77.64	47245.83	0.0000	467537.53	200.85	+3.c5.
253	4460.5	52545104	.00727	135.19	274365.35	0.9666	4747313.15	464.56	41.15.
400	462.9	5200115	.00727	79.52	29589.16	9.3000	293974.17	265.3°	91.1.
231	1656.2	31501966	.00727	138.72	131972.86	3.0000	1752693.56	462.75	-8,-6%
407	1677.1	32276259	.00727	139.92	103158.42	0.0005	1754937.53	402.15	43.43.
479	2557.4	57472165	.00727	140.80	182524.77	0.0000	3158203.82	461.75	42.27



410		19888813	.00727	141.20	62736.24	0.0000	1039843.23	461.50	41.5°
305		136025743	.60717	141.50	410625.46	9.0609	7105658.94	461.35	4E.35°.
365		28355915	.33727	142.91	58734.33	6.46.	1535359.12	411.73	41,13
440		40010353	.00727	144.58	144167.14	0.3000	2494816.84	457,36	#E.1.
4:5		38590813	.00727	144.77	119513.93	0.0030	20c7934.90	459.77	-1,1,
437		<b>0</b> 0379379	.60727	145.27	204158.60	5.0000	3533650.25	459.46	-1.17.
101		22376356	.00727	147.28	67937.79	0.0000	1175519.35	458.51	41.JE,
493		41954725	.00727	151.22	124065.67	0.0000	2140093.10	450.54	42,50%
357		8068652	.00727	87.03	41457.74	0.0000	412016.20	262.13	42,821
313	2145.5	45166262	.00727	153.05	131969.70	0.0000	2283455.65	455.63	42,511
353	5348.6	123846961	.00727	153.95	J59747.39	0.0000	6224664.98	455,18	42.77
338	450.7	5639540	.00727	28.48	28349.96	0.0000	281748.17	Zo1.41	42.76
425	382.5	4002137	.06727	ಕೆಕೆ.ಮ	23527.52	0.0000	233522.25	21.,34	42.75.
565	859.6	19517998	.00727	89.03	52537.69	0.0000	525106.73	201.14	72,721
243	367.5	7245186	.06727	89.65	30137.12	8.0906	357138.75	25.04	74: 2: +1.57.
379	15c1.e	33961009	.0072,	158.10	96054.02	0.0000	1002010.55	453.16	42.5
493	1231.5	27330226	.00727	161.34	75749.57	0.0000	1310655.45	451.45	42.42.
340	715.5	9143616	.00727	92.91	44010.40	0.0000	437385.15	259.20	42,481.
443	4120.1	9182:236	.00727	162.02	253427.35	0.0000	4385022.43	451.14	42.29% 42.29%
4c5	2273.1	50910359	.00727	162.53	137818.38	0.0000	2419260.33	450.74	
309	1472.5	33115199	.00727	163.51	90573.47	0.0000 0.0000	1567181.75	450.34	42,35%
308	4897.9	111820437	.00727	166.00	301232.92	0.006.	5212194.59	444.15	27, 22%
501	14121.7	325750905	.00727	167.00	872316.37	0.0000	15093583.31		41.21
544	412.0	5458977	.09727	96.33	25942.12	0.000	251855.60	448.65 257.49	42,50
395	685.2	9134452	.00727	96.52	42146.65	9.0000	418862.76		-2.1Z'.
323	1554.4	31525351	.00727	109.27	83369.14	0.9000	1441487.93	257.19	41.07.
345	3374.5	78700561	.00727	169.55	207565.49	0.0000	3591480.35	447.51	11.12.
439	359.0	5411534	.90727	98.60	24542.49	0.0000	243905.70	447.37	42.00%
447	٥٩Ü.5	8766787	.00727	99.51	37397.15	0.0000	245706.79 371537.65	250.35	41.54%
454	342.0	4709509	.00727	100.11	21036.42	0.0000 0.0000	207064.60	255.90	485.
345	₹.8.2	:2657100	.60727	190.31	56475.48	3.0000		255.59	41.51.
48:	32:c.1	E1171757	.96727	178.23	200897.81	9.5005	561295.66	255.50	41,5].
244	411.5	5372:73	.50727	104.98	2000,7.01 25864.95	2.3956	E476110.2E 257.El.e5	-45,15	*
415	1133.1	27554377	.00727	162.95	27007.15	6.0365	1176835.43	171.11	*
335	455.5	6795238	.00727	196.13	28692.53	0.0000	1170635.43 2545a0.15	441,1	
473	1205.0	50702048	.00727	185.23	74119.55	9.9206	1282481.50	12 1 2 2 2 2 3 4 1 7 2	*
497	7037.5	195279705	.00727	185.83	469911.89	0.0000		434.6:	*1.1.
229	6595.Ü	100007404	.00727	185.93	405658.45	0.6660	8130826.28	489,28	4.1.
259	43303.5	1110929480	.00727	180.23	2007596.44	0.0500 0.0000	7019058.50 46157094.58	459.18	÷1.27,
372	602.0	673655 <b>7</b>	.00727	108.10	2037375.44 36967.51	0.0000 0.0000		439,34	41.25.
565	312.0	4587727	.00727	199.23	19151.12	0.0000 0.9900	567591.39 Vantas	251.00	42.
480	3391.0	69525767	.00727	192.58	208580.41	0.6000	190725.60 3609941.80	251.03	41,371
425	332E 7	89728376	.00727	195.96	204760.41	0.0000 0.0000	3542948.27	435.86	40.95°.
536	887.5	15778108	.69727	112.56	54590.12	0.0000		484.17	46,74°,
457	5627.1	153974395	.00727	198.86	346245.74	0.0000	542528.75 5991051.13	247.32	40.77
	27948.1	796859111	.00727	199.22	1787973.85		30937175.88	452.72	1.30.
315	1210.5	3333352	.00727	250.15	74457.85	0.0000 3.0336		452,54	₩!,:Ψ',
312	1:23.5	31168521	.30727	201.82	69186.49	0.0036 0.0036	125255.15	452.05	-1.21.
259	657.7	18003544	.50727	116.07	41070.43		1195741.05	451.24	-1.52.
Ze9	519a.8	14488470c	.00727	292.30	418/0.25 529270.27	0.0000 4.0000	408165.01	3-7.5.	~ž
447	0.660	10488211	.0072.	118.94	39243.38		5541597.24	451.90	Ψŭ.EJ.
343	655.5	14095903	.03727	119.79		0.0000 3.6556	590039.40 =300.0 (=	245.18	43.27.
404	745.7	12327327	.06727	120.15	52521.81	3.5900 A.5000	522957.15	245.76	The same
323	577.5	12321321 1570873	.00727	120.15 120.49	45880.31 35522.03	0.0000	455966.c7	245.58	4
	41114	7010076	100121	120.47	33322.03	9.0000	656025.75	245.41	40E.



487	500.0	9831237	.00727	121.01	84432.51	1,8311	E42594.7E	145,15	4.14.
339		5351 <i>64</i> 2	.60727	121.55	25307.65	ŭ. 8966	******	244.75	##
352	.232.0	35053877	.00727	212.63	75789.32	0.0000	18112:7.00	425.23	******* ******
E41	529.0	9367162	.00717	124.01	32533.79	9.0000	22227	742.55	77.5.
342	481.5	8338351	.09727	125.78	29517.00	0.6338	254341,75	470105 475.72	
247	777.5	13528000	.00727	126.13	47947,34	0.000	476508.35		27.5 %
425	295.5	5133198	.00727	126.29	18176.20			242.57	
258	475.0	8715964	.00727	127.21		0.0000	150537.15	242.51	35.67°.
382	1324.0	40003939	.00727	223,28	39c31.98	0.0000 2000	504427.40	242.05	34.501
461	761.0	19812733			81439,24	0.0000	1409133.20	423,5:	39.5.
287	726.5	13012733	.00727	128.58	48039.31	9.0000	477425.50	241.35	39,45%
453	426.0 643.7		.00727	131.40	44697.01	0.0300	444109.45	237.95	39.25%
		11642302	.00727	131.49	39593.59		393479.81	237.71	39,25°,
465	300.3	o3171co	.03727	181.61	22143.60		220065.01	257,84	31, <u>2</u> 4,
450	32 <b>5</b> .E	6018184	.0727	132.78	20267.54		201422,35	23*,2:	H.,
455	1152.3	1555555	.99727	284.75	67784.0Z	4.6933	1172855.20	414.72	19,3%
420	£34.7	14945119	.96727	185.02	47477.10	ં . છે હતે છે	491913.11	288.1-	16, F4.
475	1682.6	354730621	.03727	235.03	67205.83	0.0003	1162654 18	414.11	\$\$.4.4.
421	378.5	7262025	.00727	139.48	23281.53	0.0000	281377.95	235.7.	\$\$.J9".
418	2258.3	77023974	.00727	244.71	140753.33	0.0000	2435437.65	409,80	38.58.
375	514.5	15500887	.00727	141.31	31646.50	0.0000	314513.65	234.99	33,44,
425	6.425	12263552	.66727	141.71	35559.79	0.3030	3E4537.70	234.90	25.41.
243	700.E	9627717	.00727	143.87	29924.61	9.6000	297397.45	288.71	
1.,	7ěa.5	14405468	.00727	148.23	43456.51		481888.45	2321 23	*****
377	776.9	16125474	00727	150.68	47854.73	0.0000 0.0000	475591.43		* 1 * * * * * * * * * * * * * * * * * *
440	718.5	15150597	.00727	153.46	44164.18	0.0000 0.0000			₹7.5£1,
235	475.5	161843:3	110727	154.73	29432.53		432913,40	222,52	£‴. ₹.
375	1165.1	43334734	.00727	170.89		5.3300	292507.05	225.23	£7.5~.
356	402.5	8809425	.66727		71586.13	0.0000	1237730.70	595.TC	II.17.
504	455.0	10224758		159.12	24757.77	0.0000	240048.25	225.37	£5.7₹`.
333	558.0		.00727	162.30	28171.58	0.0000	279975.49	224.59	36,734
441	941.0	12531644	.00727	163.27	34322.58	0.0000	341105.40	224.01	Ec.65.
		2157.724	.00727	168.98	57580.91	0.0635	575233.80	24	14.12.
45ì	220.3	5197652	.90727	155.78	13532,20	0.000	. 24420.00	227:	Ec
ite	51	1.71.54.	.00727	13.761	ii		10:141.30	223	i:
222	410	13186813	.36727	:7:.27	26449.83	1.0000	12151.00	220.00	Ħ.:-,
268	557.5	12705574	.507.27	1752	38051.52	J.5063	272272 72	2.9.74	12.27
27.5	316.0	73770.75	.02727	173.00	19568.13	0.0000	187503.00	217	15,17,
<b>~</b> }.	245.	5933241	.997.27	173.63	15272.93	0.0000	151785,75	218,83	15.2
295	cōŽ.Ū	16342017	.00727	174.25	41949.82	3.0000	410700.63	218.55	\$= - <del>c</del> ,
55c	379.5	9711808	.50727	176.73	24573.24	0.0000	244214.35	217.25	85.82. 85.75° 85.5÷.
50.7	334.0	8127220	.00727	176.90	20544.34	0.0000	204174.23	2:7.23	19.81
Ŝ4c	544.0	13271373	.00727	177.36	35461.44		132547.23	215.97	
387	385.5	9717134	.::727	152.07	23565.88		237184.46	214.61	25.4 <i>1</i> 7.
454	891.8	22403318	.00727	182.80	54505.41		544662.30		F5.111.
322	413.5	10607277	.00727	186.47	25434.38			214.25	:5.15.
327	710.8	16_70903	.09727	135.62	43721.31		252772.55	212.49	[4,75. [4,74]
478	371.2	10693058	.00727	:55.52 :87.57			434512.14	212.54	ž+, ~+ ,
123	.77.5		.30727		24962.71		239140.55	211.87	\$+.ce′.
405	539.5		.00727	189.87	19918.02	3.3002	134506.75	211.87 210.87	14,421,
437	232.7			190.04	33154.64	3.3566 3.2366 3.2366	52479e.8E	2.0.53	I4,45',
160		56570307 15345457	.19727	333.51	75823.38		llaifel e.	145.33	111,
	594.0	15865127	.00727	192.55	E4 E44 , 47		Boole 70	205.27	iif.
258	0.120	16:09438	.00727	174.76	33136.20	1.1019	377000.03	2:1.27	E+.17°,
331	1098.7	51413011	.00727	340.20	67551.84	9.5000	1169346,41	3:2.:F	14.02.
25.	cēi.Ž	18322753	.00727	195.24	41837.10	6.0005	4:5305.25	217.75	7
378	412.5	11411759	.59727	201.12	25372.88	0.0066	252:61.25	295.07	

O

410	590.7	165-7315	.85727	201.61	36703.02	0.6996	354752.7.	2081	::.::\
375	541.1	15009149	.30727	201.55	33283.0c	0.0000	331774.43	204.82	35,5.
24]	427	133919-5	.88727	202,12	29629.37	0.0000	254452.2.	294.59	33,47
41-	572.5	27:31505	.00727	202.75	57518.47	6.0050	594459.25	204.25	332.
204	942.5	25858120	.05727	297,17	57975.17	6.000	576453.25		
402	409.5							111.61	32,35%
		11708442	.00727	207.86	25158.34	5.0556	250227.35	211.72	33.327.
354	900.I	26257915	.65727	212.35	55359.00	6.0068	553170.00	199,43	E.41.
455	251.i	7410261	.90727	214.63	15439.51	0.000	153486.83	175.33	13,443,
433	177.5	5704453	.90727	215.16	1227:.24	i.0969	121954.35	198.07	32,42,
272	547.5	15303704	.00727	216.69	33645.97	3.5365	334321.10	197.51	32.25
435	794.5	24:18570	.06727	220.69	45857.57	0.0775	485677.85	175.30	1.15.
ن <sub>ة غ</sub> ي	742.0	22721326							
			.03727	222.62	45640.42	0.0	453584.63	174.34	1⁻₹.
45,	375.3	11525553	.99727	225.22	23115.46	6.0	229726.54	. P. ) 24	E., "4',
353	482.9	14329137	.51727	223.65	29647.52		294546.53	.41.51	1.7.1.
567	215.5	6±37020	.99727	223.97	13255.40	8.6500	:3:785.:5	193.6:	i.,::,
475	257.5	8911564	.00727	220.19	15838.82	3.8600	157409.75	172.55	3.,52,
567	256.0	5402979	.00727	227.95	15494.08	3.9935	153528.40	.55	1.31.
329	522.4	10400033	.00727	228.33	32132.82	0.6550	319345.12	171.49	70 1 mm 1
365	967.0				-				
		30396330	.00727	228.35	59517.08	0.0000	591493.88	1945	31.32.
412	527.0	16625758	.00727	223.49	32538.75	0.0000	323077.79	1941	31.31%
354	248.5	7832754	.30727	229.15	15285.23	9.9699	151908.05	15:.07	3.,25'.
389	571.Ē	21804653	.05727	223.24	42534.17	6.0005	422713.75	191.33	B1.18.
228	208.5	o55719o	.59727	229.75	12824.88	9.5000	127455.35	47,77	32.
257	545.0	23389521	.90727	230.53	39550.93	0.0000	3920a5.90	175.36	11,141,
393	328.8	7611881	.69727	230.62	15657.53	0.0000	185223.93	190.34	
442	378.1	12033623		230.02					3.,.4,
			.05727		23276.73	0.9099	231132.53	159.77	1131
325	711.5	22585325	.00727	231.89	49764.36	9.0999	434,739.75	157.75	2: 24.
488	336.5	19422576	.63727	232.07	20083.01	9.0090	199589.45	165.01	E1.024
405	750.1	24012707	.00727	232.73	46138.65	0.0166	459535.13	189.28	E1,72%
448	300.5	125:5998	.60727	235.55	23773.61	0.2000	236257.45	197.47	35.57.
3::	301.0	9793443	.00727	236.54	155.4.51	0.3898	184030	:87.56	51.:5%
272	725.6	25425694	.16727	235.79	47977.80	2.6383	475814.30	157.11	
41	535.5	19818703	.63727	237.98					
					27244.3.	0.0000	3711425	182.5	11,5-,
25:	523.3	19912236	.16727	138.23	20482,89	1.3930	201512.71	195.53	D.E.,
34.	201.5	8673537	.BCTET	259.33	1:207 89	0.9023	1:.577.55	135.II	11,49,
227	:42.5	21345287	.36727	241.53	B9520.17	0.0966	372760.25	194.89	II,2→,
3:5	472.5	15939619	.60727	245.25	29063.47	0.0050	288939.25	188.01	27,327,
392	475.5	10147680	.96727	246.83	29248.50	9.5000	270673.15	132.31	27,81
432	403.5	13792758	.03727	248.51	24817.28	0.0000	246059.55	181.43	29.5T.
192	5.75.0	17834212	.66727	247.47	55552.78	9.0000			
21.2							353331.40	183.91	25,25%
	203.5	6991725	.00727	249.78	12517.28	9.0090	124399.55	180.7c	29.5°.
200	596.9	17447515	.00727	250.68	31124.06	0.0006	309317.88	:85.3i	29.50%
360	ნას.0	17598346	.00727	254.43	34445.6)	$\hat{\mathbf{u}}$ . $\hat{\mathbf{u}}$ $\hat{\mathbf{u}}$	342328.00	178.44	27.15.
277	417.0	14668970	.00727	254.52	25772.69	9.0000	255134.70	178.39	29.18.
417	384.5	13469387	.09727	254.67	23557.59	0.0060	Z35044.8E	178.31	25.17.
320	255.0	1021.154	.50727	259.02	177:4.88	0.0000	175654.46	170.14	5= , 5·*.
355	202.5	7178479	.65727	257.07	12425.02	0.0000	.28-83.60		52 5 1
33:	255	71154-4	.3072	257.59 253.50	15467.75			175.1.	28.80% 28.80% 28.45.
						3.9366	155741.95	172.50	40.50.
324	108.0	o117o27	.00727	254.73	10335.65	3.0000	102598.40	173.28	Z8.35°.
245	317.5	1165,7231	.30727	264,88	19652.44	0.0090	195810.85	173.15	19,14,
420	259.0	5492221	19727	265.69	15931.09	6.0000	156526.79	172.80	22,27,
310	516.û	19147276	.00727	209.77	21739.15	0.0000	315-30.39	179.77	27.73'.
423	425.0	15939512	.09727	272.02	26295.20	0.0000	260413.80	169.64	27.75.
355	552.1	20938582	.60727	275.72	33957.67	0.0000	337498.73	167.79	27.45.
202	22211		1441 41	1	00/0/106	9.9000	50/770./2	107 117	೭೯≗ಇರೇ



282	445.4	17021619	.00727	276.90	27488.82	0.0000	273127.77	.=	27.85%
277	178.5	7587161	.00727	277.55	12265.75	0.0800	121243,65	100.7.	27.27.
294	582.5	22745367	.29727	285.42	35829.57	0.0000	356182.25	152.44	::.:"
3¢ i	765.5	38643157	.68727	288.54	a0a.â.10	0.0090	:32436.15	163.88	15,51,
268	∆97.E	24312518	.06727	290.95	27357.82	3.8090	371564.75	1±3E	2:.27.
4.5	691.J	2755764	.00727	291.01	42593.41	9.0666	422408.30	160.15	25.217.
347	378.7	15186857	.00727	271.55	23273.84	0.9600	231499.3:	159.88	Z:.:f'.
395	٥57.1	27173399	90727	300.64	40419.22	0.0060	401635.23	155.88	25,41%
224	483.4	16741572	.00727	301.71	24813.13	0.0000	246598.42	154.77	25.82%
559	212.5	8841247	.00727	302.47	13076.38	0.6000	129901.25	154.41	25.2:
349	253.5	1: ===5	.00727	307.46	17458.08	0.0000	.73833.55	15: .92	14.85.
47.	159.5	6866688	.00727	313.06	9810.84	0.9090	77502.35	147.12	24,35%
<u> </u>	121.5	133.7096	.05727	313.42	19713.95	0.000	155521.65	148,74	24,3a.
.;=;	254,6	12200609	.00727	314.91	174±5.94	0.9600	178619.20	148.55	24,51,
35-	254,5	13542128	.19727	317.92	18114.67	8.5391	183327.08		
<u> </u>	323.1	14104(55	.05727	319.79	19806.22	0.9090	:70858.60	1-5.75	2:,:-,
298	401.0	16990763	.60727	327.60	24635.51	0.0009	245131.30	141.75	23,14,
534	205.0	119:7894	.00727	328.53	16300.15	0.0000	161994.50	141.49	23.15.
359	427.0	19710461	.00727	334.02	26387.79	0.9999	362247.70	133.64	22.42.
254	545.5	25133780	.00727	338.06	33246.15	0.9699	330407.65	130.62	11,11/
23.	504.5	25:35372	.03727	340.53	31637.95	3.8000	308461.99	135.39	13.12.A
223	364.5	18075945	.36727	341.93	23650.57	0.9300	235044.95	154.73	22,144
455	152.5	71,78535	.13727	343.17	9380.27	0.0000	93223.25	134.57	£4:-"1 1.171;
254	E12.9	58396956 68396956	.36727	345.29	49331.32	9.0000	499262.63	188.01	275.
383	352.5	16945245	.00727	347.38	21:52.27	3.0093	215483.25	150.70	2 3. 2.,-2.
398	141.5	2818899	.39727	352. <i>32</i>	2.552.27 8793.56	0.5993	213463.21 E6478.93	130.70	21.55.
2,3	128.3	6:72979	.00727	350.66	7873.28	1.6856	78246.4)	159.32	2
275	119.5	57c2856	.00727	351.03	7575.20 7541.22	0.0000	72955.65	130.32	
-13 -13	552.8	17145671	.00727	354.12	21551.52	9.0000 9.0000	72735.63 2.5177.69	123.57	21.25%
422	439.0	21437373	.30727	301.93	25449.30	0.9000 0.9000	262859.00		<u> </u>
37!	15	10a51a7c	.06727	363.88	12947.85	0.3003 3.3006		124.63 121.2.	25.400
432	214.1	11575481	.38727	302.00 308.59	14373.34	7.0000	128678.65		.4.2E.
515	.43.5	7161365	.137.27	396.37 373.41	575,17		143844.2] 	131.21 121.45	.=.11.
3=2	213.5	15759041	.35727	871.58	12947.65	3,3030 3 3334	E7213.25		.,,,,,,
	5:5.5	28707353	.80727	373.25		0.2300 0.3300	128:78.65	1.5.55	. ,
321	172.5	23:0:303 5866397	.00727 .00727	373.25 373.68	34a33.15 13a13.4a		[44]61.99		, 4, 4°°,
193	295.0					5.5005	105449.35	118.81	: ₹. 4 <u>~</u> .
27-	475.5	10645149 21748838	.00727 .00727	377.51	12607.55	0.0000	125316.53	115.5	19.13.
Z7.	475.5 406.6	21274163	.00727	378.36 380.94	29248.30	0.9900	293578.15	115.47	19.05.
291	147.5	7945040	.00727		24973.65	0.9900 0.8386	248187.83	1155	15.65.
276	489.3	7743040 26603844	.00727	391.50	9072.73	0.0000	90165.75	199.85	.7.97°.
477	489.3 220.0	20003644 11989562		395.52	30078.39	6.0003	298925.70	107.89	, T, 45°,
	220.0 234.0	12719652	.90727	396.20	13532.20	0.0000	134486.00	197.55	17.5%
511 482			.00727	401.39	14393.34	0.0000	143844.20	164.95	.7.17.
	367.0	29346568	.60727	403.05	22574.17	0.0000	224547.16	154.12	17.95%
214	1530.1	147167192	.00727	722.92	92271.15	0.9996	1596553.43	170.59	11,14,
435	353.5 	23919817	.96727	427.87	21752.24	0.3000	216277.94	92,72	14,54,
326	327 <b>.</b> 5	13750627	.58727	439.61	12993.52	6.0888	189173.75	85.84	14,14,
252 255	234.5	12472119	.30727	444,18	12578.80	9,9883	125111.55	EE.1.	.1,11,
453	ર્ટા કો =	34398513	.66727	446.57	34445.68	1.5933	343325.00	22.35	
E. 7	73.5	4576663	.30727	452.99	4520.99	9.3003	44,50.55	7.3	12,55,
225	107.0 55. 5	16773754	.00727	463.46	16395.19	6.0000	103337.75	-5.72	:2
444	386.0 =	25252713	.06727	475.51	23742.86	0.0000	235961.30	67.3 <sub>9</sub>	1
314	149.5	.0055999	.66727	489.01	9195.74	0.0500	91329.35	51.14	.0.8J.
303	322.5	21912017	.36727	493.95	19836.97	9.0000	197144.25	53.57	₹,50%



	159736.5	3893396875	.69727 Mr	141.12 Mn	9937694.12	0.0355 Mn	105797568.55	3:5.23 65	41.52. 3
	382.0	73310681	.09727	1395.21	23495.82	3.5593 	23351a.a0	-391.95	3.50%
507		26453565 72217481	.03727	632.57	25772.67		256134.79	-19.84	6.13%
464	122.j 419.j	10037681 24452545	.00727	634.02 430.53		3.0300 	74578.69	-136	8,03°,
476	140.0	12794335	.00727	637.09	5950.46	0.0000 3.5555	99249.90	-12.89	5 Jul
458 474	119.0	13899581		c25.27	7319.69	0.0009	727441.78	-::.53	
45Z	493.5	a5967958		970.73	30361.34	9.0000 1.1011	301737.58	-179.71	
424	118.0	13834876	.03727	853.52	7258.18	0.0003	72138.41	-117.61	
			.30727		16641.23		105754.93		
277 40:		15532771	.60727	537.65 451.77	13457.45	9.9932 a 1216	194226.55	_00,_7	* * * * * * * * * * * * * * * * * * *
274 274	470.5	18959252				0.8683 1.8882	299587.93 -27057.55	-5.78 .aa -	
374	470.0	4195.160	.60727 .63727	:22.85	3,444.3. 33139.90	3.8898 9.888	378141.15 566837 A1	-959,67 -# -7	
305	915.5	110847355	.01727	747.58 1380.71	4/775.20 37244.31		475997,39	-168,19 -780 65	
Es Z	751.3	161714136	.007.27 .007.27	947.56	47995.23	0.3000 0.3000			2 + 3 ± +
5E.	252.0	26169374	.05727	074.62	17345.82	0.0000 0.0909	172385.53	-100.07	2.30.
332	337.0	34561228	.00727	818.44	18883.57	0.0000	187669.19	-105.57	9.00°.
52E	475.5	44532549	.00727	680.87	29248.00	0.0003	290673.15	-275.52 -34.78	0.00. 0.00.
321	1007.1	224295706	.00727	1615.95	62069.74	0.0000	1073985.13	-275.52	5.30h
331	71.0	10740380	.86727	374.04	5577.41	0.9000	55625.30	-151.57	
299	238.5	18057184	.56727	550,84	12824.83	9.0000	127455.65	-9,37	5 6 6 5 6 5 6 6 6 7 8
275	108.5	10255662	.00727	c87.17	65 <sup>7</sup> 3.84	0.0000	50325.UE	-87.94	5.00
269	168.5	15554436	.00727	614.25	11553.88	0.9009	114924,40	-1,48	1.33
Ξ44	765.6	453247327	.00727	4633.79	47092.05	0.0000	408011.25	-2036.24	2.20
226	431.5	58155719	.00727	1053.03	24696.25	6.0600	245436.95	-220.37	9.034
323	237.7	28655649	.00727	876.43	14620.73	0.0000	145336.01	-132.55	3.25.
217	Ilo.ū	57632171	.00727	1946.46	13256.16	0.0000	132043.89	67.57	9.911.
216	254.5	44148764	.00727	1261.15	15.54.33	0.0000	155575.85	-324.92	6.62%
215	o∃5.8	138876950	.00727	1473.94	42134.25	0.0000	418740.50	-431.32	5.05%
Zii	697.5	172,38611	.00727	1394.37	55295.22	0.0000	54564:.75	-3954	11.11
237	145.3	a1575700	.06727	3080.80	5937.40	6.0000	88521.89	-1284.75	3,55
291	EE9.7	38525428	.03727	551.28	20715.42	0.0000	205824.71	-24,77	• •
	123.5	FRAFTUR	.03727	574.99	757c.48	0.0000	75475,55	15.16	2,37
229		18641739	.03727	555.58	2549.89	0.4989	54975.73	27.21	4,45,
316	595.0	45462536	.00727	EE4.55	36659.95	9.0000	964334.30	28.37	,
242	108.5	8207005	.05727	549.91	6673.84	0.0000	66326.95	50.73	5.12.
500	420.5	31364357	.00727	542.25	25964.95	0.0000	257051.35	84,52	5.:5.
375	304.0	26653569	.05727	532.34	22389.64	0.0000	2225; 3,20	37.43	:,4:
219	203.5	14774257	.00727	527.81	12517.28	0.0000	124399.55	41.75	s.53%
103	225.5	16032625	.00727	5:8.50	13870.50	0.0000	137848.15	45,40	7,5%
495	152.6	10077755	.00727	511.76	9349.52	(.666)	92917.20	45.7	1,140,
227	243.5	17:12592	.00727	510.51	14977.68	0.3633	145651.55	51	1.1.
354	222.5	15509823	.00727	505.77	13585.98	3.0000	186314.25	52.25	5.55.
255	5,4,0	21855431	.00727	536.27	19314.14	0.0000	191945.23	51.5.	E.55%
562	155.0	13071900	.00727	502.82	11625.39	0.0000	:13525.70	54.24	:.57`.
								57,45	7



## APPENDIX 5 B

50/50 COST-SHARE GRANT

BY

PERCENT AID REQUIRED

TO FUND

RURAL AND URBAN

ESTIMATED NEED MODEL



APPENDIA SE

53/50 COST SHAFE BRAKT CATA BY FERCENT AID RECUISED TO FUND THE ESTIMATED NEED MODELY HIGH TO LOVE CAREAU RURAL

<b>131</b>	FTE	HV 1757	State Mean Levy	Revenue Under Mn Levy	Required Revenue to Fund AFM	Pct Aid 3 AFM	Reg. Reverse to Fund R/U Est. Need	BFP acz to District & Need	Percent Ald ungan Need Hozal
enda	in distric	ts arrayed by	percent a	d under 50/	50 cost-share a	ard model.			
	43268.5	1110929480	.88727	186.23	2007570.44	0.0010	46157074.55	434,24	41.35.
	29008.1	796557111	.00727	159.22	1787775.83	0.0000	3073717 <b>6.</b> 83	432.54	-5.64.
	22131.4	526875449	.00727	197.38	1851832.41	3.3100	23554449.02	472,4:	44,92,
	14151.7	32 <b>5</b> 756795	.36727	167.90	872315.87	9.0000	:5093583.31	442.65	72.:5°
	12137.6	2151224:2	.00727	129.43	74o70o.80	3.8150	12920176.25	407,44	42.7%.
497	7639.6	195279705	.06727	185.63	469911.60	0.0130	8130526.29	459.23	41.27%
<b>3</b> 05	6075.8	133025743	.00727	141.cü	419625.46	0.0000	7105053.74	461.35	43,85%
229	5575.0	100007464	.90727	185.93	49555.45	0.3900	7019056.53	439.15	41.27.
475	6557,7	61729517	.00727	68.43	463364.13	0.0000	aÿ7ÿ3aü.11	497.93	90.70%
365	5646.s	125540501	.00727	153.95	3 <b>5</b> 9747.39	J.0000	622 <del>4</del> 654.73	455.16	42.
45,	5027.1	153906375	.30727	198.86	340245.94	0.9000	5991051.12	432.72	41,65,
260	5296.8	144864796	.00727	202.50	520270.27	3.3000 j	5541597.24	481.00	49.57,
315	4897.3	111620487	.00727	160.33	301232.92	0.0000	5212196.37	347.15	42.27
353	4460 5	82545194	.00727	135.19	2743:5.35	9.0900	4747313.15	464.56	43.65%
453	4260.0	o21:3557	.60727	106.01	262032.59	0.6000	4533718.00	479.15	45,024
443	4120.:	91821236	.00727	162.92	253427:35	0.0000	4385022.43	451.14	42.57.
232	3535.1	53143939	.00727	100.73	235958.51	9.0000	4082761.23	481.79	45.274
-20	3271.0	39826767	.30727	192.58	208560.41	0.0000	3609041.50	435.36	41.72.
545	3374.5	7871995.	.00727	169.55	237565.47	0.1900	257.420.55	447.37	43,137,
425	3328.7	597253Te	.00727	195.95	204760.04	6.7500	3542948.37	434.17	-1,-1
457	3519.5	66377372	.667.E7	145.37	204133.60	5.3503	353375.28	459.45	43,17,
454	32:014	50071787	.00727	178.23	230597.31	to September	347:113.23	4 <u>4</u> ]]]	4e£.
45.	3225.5	54215254	.36727	122.16	1984e2.]]	0.0000	3438963.95	47.37	44,25,
201	E117.5	41572699	.00727	95.47	191775.38	0.0000	8818274.54	483.91	45,47%
3.73	5055.7	52y72a52	.00727	120.50	186725.91	0 0000	3230898.51	4±2.72	44,54
<b>-</b> 79	2967.4	57472165	.00727	140.90	192524.77	1.0000	3158203.32	461.75	43.83.
250	2969.6	44687539	.00727	111.48	178932.57	5.0000	3096048.73	476.3:	44,75.
445	2755.5	59797784	.00727	133.30	170112.06	0.0000	2943428.98	4e5.fl	43.74/.
445	2543.8	46010259	.00727	144.55	144187.14	0.3000	2494505.34	459.50	43.2.5
416	2255.5		.00727	244.71			2435457.69	469.50	38.80%
465	2272.1	50910359	.30727	162.83	137818.38	9.9990	2419200.35	450.74	42.35°.
315	2145.5	451 00202	.00727	153.95	131969.70	0.9930	2283455.65	455.63	42.51%
270	2135.5	34353326	.00727	116.95	181854.60	0.0990	2272812.65	473.53	44,511,
254	25.3.3	31441142	.00727	110.25	127519,25	0.0000	2295293,90	477.32	,835,
234	2140.5	35269463	.03727	125.35	125980.21	3.0000	2178055.75	457,47	
466	2017.3	41954725	.63727	151.22	124065.67	9.3669	2145093.10	450.54	42,40,
593	1957.5	29631570	.00727	110.01	120405.82	9.9999	2093367.25	477,14	ü. ; ; ; ,
4.5	1743.0	38690813	.00727	144.77	119513.93	6.9986	2967934.93	455.77	45.2
353	1884.8	28065817	.00727	110.62	115884.54	9.0090	2505141.26	475.54	24,37,
ŽeŽ	1882.0	24966386	.00727	96.45	115751.82	0.0000	2903012.60	453.92	45,47°.
ŽoŠ	1854.7	34673587	.50727	183.56	114982.69	9.6009	1978957.21	465.37	43,78%



462	1813.5	26096927	.93727	194.62	111548.38	0.0000	1930105.05	479.54	48.( <i>9</i> ),
263	1863.6	16225664	.00727	65.42	110902.53	0.0000	1918932.90	-95,44	43,131.
257	1746.6	29248558	106727	121.79	107396.46	0.0000	1958267.90	471.20	44,225,
25:	1740.1	23565193	.00727	98.54	107933.55	6.3383	1851988.48	452,55	43,87,
459	1677.1	32276257	.00727	137.72	103159.42	6.0000	1784937.88	4:2.17	+3,+3°,
231	1030.2	31001930	.03727	138.72	101572.85	0.0000	1702078.01	452.75	+1,+3°,
232	1651.8	20937425	.09727	52.15	101602.22	6.0000	1755019.74	485.97	48.ε <sup>-7</sup> .
500	1005.1	26901962	.00727	121.39	98729.70	0.0900	1768307.93	471.45	44.334
385	1504.0	Zoó52188	.00727	124.03	96201.64	0.0699	1664555.23	470.14	44.174
579	1501.0	33961009	.00727	158.10	96054.02	0.0000	1662010.83	453.10	42,574
214	1500.1	149167172	.00727	722.92	92271.15	0.5000	1596556.43	170.07	16,54%
599	1472.5	33116199	.00727	163.51	90573.47	0.0000	1567181.75	459.55	42.3Z.
بمرا	1461.5	15202)44	.00727	75.eZ	89890.50	0.0000	1555474.45	474,34	46,45%
308	1442.0	28355915	.06727	142.91	86734.33	0.5000 0.6000	1535359.12	405.71	42,27,
435	1380.5	2568295	.00727	134.67	65233.61	0.0000 0.0000	1475651.95	400 404.32	
207	.383.5	22471285	.38727	118.19	85399.68	0.2000 0.2000			45.57.
333	1354.4	31535351	.60727	169.27	83309.14		1472459.65	473.1:	44,45,
352	1324.8	40663939	.00727	223.28		0.0000 3.0000	1441487.92	447.51	42.35%
404	1251.3	17680923	.00727		81439.24	0.0000	1409153.23	420.5.	37.515
394	1233.0			102.74	76949.01	0.0000	1331439.30	450.76	45.17.
40 <sup>-</sup>	1233.0	13343104	.00727	78.67	75841.83	0.0000	131228: .90	492.61	45.30%
357		56579907	.00727	333.63	75823.38	0.0000	1311962.61	365.33	14.11%
	1232.0	36033877	.00727	212.63	75789.32	0.0000	1311217.60	425.83	47.12.
473	1231.5	27330225	.00727	161.34	75749.57	9.6600	13:6685.45	451.48	42,42,
434	1215.2	14450325	.90727	86.45	74746.95	0.0068	1293357.36	458.98	45,441.
258 	1212.5	12795266	.00727	76.72	74580.98	0.9990	1250483.75	473.79	45,400,
315	1213.5	33823302	.05727	200.13	74457.85	0.0003	1288335.:5	432.08	49,637,
473	1205.0	50702943	.60727	185,23	74117.55	0.0300	1282481.53	437.53	41,36,
320	1176.1	19083197	.00727	117.96	72341.91	0.0009	1251723.23	473.17	44,454
275	:165.0	43334964	.00727	270.59	71536.13	0.0650	1237750.90	390.7)	37.2%
458	i150.6	14656197	.00727	92.60	70773.41	0.0000	1224583.56	485.85	45.65.
312	1135.5	3115852:	.60727	201.82	69106.49	5.9606	1195741.05	431.24	43.5E.
12.	1104.5	22375556	00,727	147.29	ه7،737.75	€.36€6	::75519,35	458.5.	43.08s
<del>-</del> co	: 163.1	33533366	20727	284.75	∆7784.02	6.0000	1179858.58	414,72	H.57.
4.5	1:35	27564377	.03727	182.95	s⊼es7.15	0.3881	::73835,48	441,5	-,-,-,
331	1375.7	5.413011	16727	E40,25	67551.34	6.3030	1107345.41	3:2:68	34,027
367	lűfe.i	15712899	.50727	194.23	67414.95	0.0000	1155472.80	450.04	٠-١١
	1392.6	35473662	.15727	236.35	67205.83		1162854.19	414.13	\$\$.?
248	1037.3	164os631	.00727	115.22	63708.89	9.0600	1195607.70	474.54	44,87',
410	1024.6	19888313	.50727	141.29	62950.24		1987843,20		43,57,
321	1009.1	224298706	.50727	1615.95	62069.74		1073925.13	-275.82	6,63',
Runai	aistr:ct	s arrayed by	percent au	a under 50/51	) cost-shape a	ıd model.			
*55	788 6	355 <b>5</b> 4 **		45. **					
295	704.5	4835136	.03727	49.90	43353.79		43056].85		45.42.
47:	783.Z	7467929		59.32	48174.63		478770.16		44,33%
265	954.0	9785527	.09727	73.60	59245,64		589293.20		-::-::
337	768.1	6203445	.16727	77.64	47245.93		469539.53	200.83	+£,:£,
48%	486.9	5269.15	.00727	79.52	29530.16		293974.17		4E.₹!".
357	674.5	50c5c52	.00727	87.03	41457.74		412916.20	262.15	42,86%
338	406.9	5509540	.00727	88.48	28349.95	8.5090	291748,17	251.41	42,75.
425	382.5	4002137	.00727	98.61	23527.58	9.8050	293822.25	251.34	42.75%
303	859.0	10519006	.00727	89.03	52837.09	9.000]	525136.73	261.13	42.72.



246	587.5	7245186	.00727	89.00	36137.12	0.6690	359138,75	250.52	42,:35
348	715.5	9143516	.09727	92.91	44318.48	0.0000	497365.15	257.20	42,404
544	412,3	5458977	.00727	50.33	25343.12	0.0000	251955.50	257,47	42.121
396	o65.2	9184452	.96727	96.52	12140.55	0.0000	4:3562.70	257,17	-2.7.
437	377.0	5411534	.36727	95.00	24542.47	0.0000	243798.73	250.35	41,444
447	540.5	87cc787	.00727	99.51	37397.15	0.0000	871537.6E	255.70	4
454	542.0	4769665	.00727	100.11	21036.42	6.3600	209064.60	255.57	511
348	918.2	12009100	.50727	100.31	56478.49	0.0000	561295.6c	255.53	42.501.
249	429.5	6072170	.00727	104.58	25864.95	0.5600	257051.65	255.1c	41.42.
335	465.5	ه795235	.06727	106.13	25632.90	5.5000	28453C.15	252.59	4.,32.
372	601.0	8736537	.00727	108.19	36967.51	6.0000	367391.30	251.60	41.15
505	312.0	4657727	.007.27	109.23	19191.12	0.0000	190725.60	251.00 251.03	41,374
356	E67.5	13778108	.36727	112.86	54599.12	0.0000 0.0000	542529.75	237,22	
283	067.7	18059544	.06727	11e,37	41370.23	0.0000	403165.31		40,73% *** = 1
<u>;</u> ;;	636.J	19-58211	.33727	118.94	39245.28	0.0000 0.9009		24 <sup>7</sup> .⊅.	43.5.1
343	855.5	14075763	.03727	119.79	52621.81		390009,43	2445	41,271
454	745.7	12527327	100727	120.15		9.0300	532957.15	245.76	41,215
323	577.5	9570573	.00727		45980.31	3.9906	455968.67	245.58	41.124
487	500.6	9331237		120.49	35522.03	0.0000	353025.75	245.4.	43.15.
339	377.F		.60727	121.01	34482.51	0.0000	342694.78	245.15	49 /4
341	529.9	6351642	.00727	121.55	25367.65	0.0000	232232.87	244.88	40.000
342		9067162	.00727	124.51	52558.79	0.0000	523377.70	243.35	35.31%
	481.5	8339351	.50727	125.78	29617.06	0.0000	294348.95	242.7c	19.7.A
247	779.5	13523666	.00727	126.13	47947.04	9.0006	476509.35	242,59	37,68,
425 555	295.5	5133193	.00727	126.29	18176.20	0.0000	180637.15	242.5.	39. cT).
258	498.8	5713554	.00727	127.21	30631.98	9.0000	304427.40	242.35	39.00%
461	751.0	13812733	.00727	128.58	48039.31	0.0000	477425.30	24:.36	29,481,
287	725.5	13139877	.00727	131.46	44637.01	9.3010	444109.45	239.75	87,25%
450	643.7	11642302	.00727	131.49	39593.99	9.0000	393493.81	239.91	37.25'.
462	360.0	6517166	.00727	131.61	22149.60	9.0000	221068.00	237.84	24, 24%
456	329.5	5018134	.60727	132.78	20267.54	0.0005	291423.35	239.26	94, J.J.
430	894.7	14945119	.09727	135.02	49497.10	0.0500	491913.11	288.14	88.5e'.
421	378.5	7262023	.00727	139.49	28231.83	0.0030	231277.65	295.4.	3á.57'.
57.5	5,4,5	10000657	.00727	141,51	31646.90	6.0000	B:451B.85	214,50	33,44,
420	527.0	12260552	.38727	141,71	55657.79	ð.::::	384807.70	234,23	H
203	450.5	7527717	.00727	143.27	29924.51	0.0000	297397.45	288.7.	33,211
Ξ.:	755.5	,4495465	123727	148.28	43450.5.	0.3000	43.883.45	231,53	57.55.
E	778.0	16125474	.06727	150.68	47854.78	9.9009	475591.40	233.3.	:7,±ë.
441	715.0	15156397	.00727	153.46	44164.18	0.6000	432913.40	228.92	£7,457.
235	4.78.5	10184310	.00727	154.73	29432.53	0.0000	292507.05		37.34'.
358	402.5	8807426	.00727	159.12	24757,77	0.0000	246048,25		34.95%
584	456.0	10224758	.00727	162.30	28171.58	0.0000	279975.40		30.721
330	558.0	12531644	.00727	163.27	34322.58	0.0000	341105.40		30.05%
441	941.0	21871724	.00727	168.98	57880.91	0.0000	575233.30		3e.18'.
451	223.6	51 27652	.00727	159.78		0.0000	134486.00		3e'.
Zão	501.0	11761541	.00727	169.80			306261.30		36,117,
222	430.0	10130315	.63727	171.27	25449.30		262859.69	221.6.	2014479 2014 2014
Zeō	537.5	12705674	100727	171.82	33061.62		828573.75		35,151
2.T.E	3.0.0	7377376	.00727	.73,85	19652.10		. 17503.01	2.7.75	35,35°.
41.	248.3	5930241	130727	173.53			151785.77	4.7 1.3.33	55,65, 35,60,
205	662.3	10542519	138727	174.23	41949.82		101.55477 41:906:60	2,5,55	17:11:1 18 75:
35a	379.5	7711505	100727	174.20 176.75	24575.24	,			15.75
207	354.0	812722c	100727	176.76 176.98		0.0531 a acas	204214.35	217.25	35,54,
540	544.0	13271393	181727		20244,94 2244,84	0.0000	264174.20	217.20	35.531
387	399.0 388.0	9717134	.30727	177.36	55461.44		332547.20	215.97	35,457,
, ניינ	350.8	7:17194	1001 27	182.07	23865.98	0.0000	237184.48	2,4,5;	35.1.4



484	ō71.J	22403318	.00727	182.80	54805.41	0.0000	544568.30	214.25	55.IT.
322	413.5	13607277	.00727	156,49	25434.38	0.0000	252772.55	2:2.41	34,75
327	710.3	15246068	.30727	150.62	43721,31	0.0000	434512.04	212.14	; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;
455	391.2	19093058	.06727	187.57	24062.71	0.0000	235141.55	2:1:57	
223	177.5	4e2835i	.36727	189,57	10915.92	6.0900	109505.75	211.3	I::',
495	539.5	14192673	.00727	190.04	33184.54				:-,::',
386	599.0	15865127	.00727			0.0000	529795.35	1.1.61	
258				192.55	36844.49	9.0000	Essica.7)	219,37	34,35%
	620.0	10007438	.00727	194.76	38136.20	0.0000	379000.00	255.27	34,5%
25i	680.Z	18322952	.60727	155.84	41839.10	0.0050	415800.20	207.75	33,95%
398	412.5	11411769	.00727	261.12	25372.88	0.0000	252161.28	205.09	E:.55',
410	576.7	16547315	.00727	201.61	36703.02	0.0000	364762.71	294.8E	33.51.
376	541.1	15009149	.00727	201.66	33283.06	5000.0	330774.43	204.82	33.5.'.
240	421.7	13391946	.00727	202.12	29629.37	6.3639	274463.21	204.59	33,47%
₹. 7	972.5	27121605	.00727	202.75	59818.47	0.9690	594459.25	204.28	38,421.
254	542.5	25855129	.00727	297.17	57973.17	0.0000	576150.25	202.3:	EE,15%
452	409.5	1.705442	.39727	207.86	25188.34	0.0000	250827.85	2072	13.11.
364	900.0	26287915	.00727	212.55	55359.00	0.0000	550176.33	199,45	82,63%
450	251.0	7410261	.00727	214.63	15437.01	0.0000	153436.31	198.33	32,441,
433	199.5	5904453	.00727	215.16	12271.24	0.0000	121954.35	178.07	32.40%
272	547.0	16303704	.00727	216.69	33645.97	0.0000	334581.10		
405	774.5	24118570	.00727	220.65	48669.69			197.31	32.28%
408	742.0	22721326	.00727			0.0000	485677.85	195.50	31.95°.
	575.8			222.62	45640.42	0,0000	453584.60	154.54	31.77
481		11538558	.00727	223.22	23115.46	0.3000	229725.54	194.64	31,144
252	452.6	14828157	.90727	223.65	29647.82	0.0000	294646.50	193.82	1
509	215.5	6639020	.00727	223.97	13255.40	0.9000	131735.15	153.00	E₹£.
479	257.5	8911564	.00727	226.19	15898.82	0.0000	157409.75	192.55	31.50%
567	250.0	8402979	.90727	227.95	16464.68	0.9500	163828.40	191.55	∃ì.∃c′.
329	522.4	15406838	.00727	228.33	32132.82	0.0000	319343.12	191.49	332%
365	507.6	10396330	.00727	228.38	59517.08	0.0000	591493.88	191.46	31.32.
412	529.0	16625938	.06727	229.49	32538.79	0.0900	328377.70	171.41	ž.,i.,
384	246.5	7832754	.06727	229.15	15295.23	0.0000	151908.65	191.07	3: .26%
385	:75	21594851	.00727	229.24	42534.17	0.0060	422713.95	191.73	31.25.
235	206.5	:589198	.96727	225.75	12824.63	6,0559	12745:.35	5.1.7	11.1.
::-	643.3	2038951	.36727	236.53	29551,93	8.8181	E730a8.90	190,35	i
:;:	305.0	F511881	.60727	230.62	1Ec37.53	5.9039	185228.73	175.24	:.,,
uu.2	578.1	12023620	.00727	251.37	23256.93	0.0000	28.182.58	170.07	3
225 225	711.5	22585326	.00727	231.50	45764.36	3,9602	484989.95	187.75	
488	325.5	19422576	.90727	282.87	707 07.00 20983.91	9.0002			B.J÷'.
405	750.1	24012707	.00727	232.73	46138.65		199589.45	164.6.	3.72.
448	386.5	12565508	.00727			0.0000	455536.13	189.25	30.9e.
30Ú	360.3 301.3	9793442		236.36	23775.61	0.0000	236267.45	187.47	31.e
			.00727	230.54	18514.51	0.0000	184961.30	187.38	§9.0€.
273	786.0	25425604	.30727	250.99	47977.80	0.0000	476514.00	187.16	30.e2.
427	6 <b>0</b> 5.5	19818703	.60727	237.96	37244.31	0.0000	370142.15	180.67	99.54°.
256	333.0	16912236	.00727	238.23	20482.83	0.0000	203562.90	180.53	30.511
31 i	263.5	8673539	.00727	239.30	16297.89	9.0009	161077.55	185.09	36.43%
239	6 <b>-2.</b> 5	21345287	.00727	241.53	39520.17	0.0005	372760.25	164.85	36,247,
318	472.5	15739617	.30727	245.25	25063.47	9.0211	298837.25	183.02	<u> </u>
372	475,5	16147635	.00727	246.85	19242.00	9.0019	290679.15	:23.1.	20.3
432	403.5	13772788	.46727	240.51	24819.29	3.3600	246657, 55	. 31.40	2*,:".
102	578.0	19834212	.00727	249.47	35552.78	0.0009	355531.49	121,41	29,5%
21.2	203.5	6791725	.00727	249.76	12517.38	0.9000	124347,55	180.75	29.5%
200	Elo.S	17447915	.00727	250.65	31124.96	0.0000	309917.50	180.3:	19.51°.
300	5 <b>00.</b> 0	19595346	.00727	254.46	34445.60	0.3030	342329.00	178.44	29.13
277	419.0	14555570	.00727	254.52	25772.69	0.0000 0.0000	25:134.70	175.44	
	444.19	14000114	100171	27176	40/14.07	0.0090	2901241/6	_, 0, 37	25.18.



417	384.5	13469387	.00727	254.67	23650.57	0.0000	285044.95	178.81	25,17%
38:	288.0	10261054	.00727	259.02	17714.88	0.0000	176054.40	175.19	28.81.
255	202.0	7198490	.90727	259.07	12425.02	0.0000	123482.00	175.11	25.5.4
38.	251.5	9115444	.03727	263.50	15459.75	0.3300	153741.75	:73.50	15.4T.
324	105.0	o117o27	.60727	254.73	10313.66	5.0000	102698.40	178.28	
Ž43	317.5	11037231	.00727	264.80	19052.44 19052.44	0.0000 0.6619			11.55
425	259.4	9405551	.00727				195218.35	17:125	18,54,
745 310				265.69	15931.09	0.0000	158826.70	172.86	2:,27.
	516.0	19147276	.00727	269.77	31739.16	0.0666	315450.80	170.77	27,931,
423	420.0	15939512	.00727	272,92	25293.26	0.0000	260413,80	109.64	27.75%
355	552.1	20938582	.00727	275.72	33959.67	0.0000	337498.73	107.79	27.45%
262	446.9	17021619	.00727	276.90	27488.82	0.0300	273189.57	167.23	27.35%
279	178.5	7587161	.00727	277.88	12209.73	0.9900	121343.05	100.7.	27,27%
294	582.5	22948867	.06727	286.42	35829.57	0.0000	356062,25	182,44	2:,57%
šsi	795.5	38343157	.96727	286.54	63612.18	3.0000	592435,15	1:2.38	žaliče".
266	607.5	248.2819	.00727	290.95	37367.32	9.9660	971864.7E	1:0	že.ži'.
43.	±÷1.0	27559661	.00727	291.01	42503.41	0.9300	422408.30	125.15	14.11
347	378.7	15186857	.00727	291.55	23293.54	0.0000	231499.31	159.88	2:54
355	57.1ء	27173357	.06727	300.64	46418.22	0.0000	401685.23	.55.33	25.4.1.
234	405.4	16741572	.00727	301.71	24813.13	0.5600	246598.42	154.79	25.521.
259	212.5	8841247	.00727	302.47	13070.88	0.0000	129901.25	154.41	
347	283.5	11989551	.00727	307.46	17438.08	0.0000			25.25%
471	159,5	5563303	.00727	313.06			173303.55	151.92	24,551.
253	320.5				9810.84	0.0000	97502.35	149.12	24,89
		13817096	.00727	313.42	19713.95	0.0830	195921.65	148.94	24.55%
457	254.0	12200007	.00727	314.51	17468.84	5.0000	173699.29	148.65	24.3 <u>Y</u> .
397	234.5	12842128	.00727	317.02	18114.69	0.0000	180027.85	147.14	ZHEUTTE
241	322,3	14.64865	.60727	317.79	19815.22	0.0000	195555.60	14E.7E	28.844.
2=5	430	18080733	.00727	327.80	24005.51	9,9000	245131.50	141.75	23.15%
334	265.0	11567854	.03727	328.33	16300.15	0.0000	161994.50	141.47	235%
350	429.0	19710461	.95727	334.02	26387.79	0.0065	262247.76	158.64	22.65.
254	540.5	251 33760	.00727	338.06	33246.15	0.0000	330407.55	130.02	22.38.
ŽŠi	504.5	23835372	.00727	340.53	31037.95	0.0000	308461.98	135.39	31.15.
223	384.5	18078945	.03727	341.83	23550.59	8.0000	295944.85	154.73	32.64.
i==	.52.5	7198886	.::-2.	848.17	9883.27	1.3000	95228,25	134,37	21,41.
25-	502.0	380,91°5c	.45727	345.29	49351.02	0.000	490262.50	133.2.	1
365	552.5	10940246	.33727	349.38	21682.27	1.0000	215488,25	131.40	11 - 12 - 12 - 12 - 12 - 12 - 12 - 12 -
.579	.41.5	6818379	.00727	350,32	8703.50	0.0000	55498.95	156.45	441744 44174
2, 3	125.0	61787.7	.93727	350.es	7573.28	6.0000	78246.40	185.82	2.122.1
27E	115.3	57c265c	.00727	351.93	7541.22	9,6000	72758.55		
463	352.û	17145671	.00727	354.12	21651.52	9.0000		1303	2: .22.
422	423.3	21497173	.80727	361.93	26449.33		215177.68	128.59	21,341
371	210.5					0.0060	262859.00	124.58	23,42,
	234,5	106605 <sup>7</sup> 6	.00727	368.88	12947.85	0.0000	128679.65	121.31	19.EE.
492		11873438	.60727	358.89	14393.34	0.0000	148044.20	121.2.	17,83,
310	142.5	7269366	.00727	379.41	8765.17	6.9809	87110.25	120.45	19,70%
272	216.5	10759041	.00727	371.58	12947.85	0.0000	128578.65	117.50	19.2.%
457	563.0	28997353	.60727	573.28	34430.13	0.0060	344161.99	115.51	19,47%
22:	172.5	წმაი507	.00727	575.58	10610.45	3.0000	135449.25	118.8:	, F, mil',
104	235.0	19645147	.96727	377.51	12639.55	0.0000	125315.50	114.59	1521
274	475.5	24745535	.58727	378.35	29248.00	3.6500	250278,15	.12.47	
271	406.0	21274100	,90737	180.94	24973.06	0.0000	245157,53	115.15	15.84.
271	_47.5	7945040	.00727	391.60	9072.73	0.9991	701:6.75	119,85	.7,774
273	459.9	26603344	.39727	395,52	30075.39	9.2963	275743.73	107.89	: 7.5€
477	220.0	11787502	.80727	396.20	13532.20	3.3830	134482.03		.7.5¥.
511	234.3	12919652	.50727	401.59	14373.84	0.6000	142044.23	164,75	 
452	367.0	20346563	.00727	403.05	22574.17	0.0000	224847,10	1042	1 1 2 1
				.56100		-13090	44747 (164		1 1250



438	5 553.6	20919817	.00727	429.87	21762.24	9.0000	216277.94	98.73	14.54%
526	227.5	15756829	.30727	439.61	13992.52	0.0000	139070,75	25.24	14,141
303		12492110	.66727	444.10	12578.50	0.9600	125016.65	22.49	11.21.
4		34376713	.00727	446.57	34445.60	0.0583	342328.90	52.31	12.47
3::		4572883	.69727	452.90	4520.98	6.5533	44732.22	74.11	13.54
225		10778754	.00727	423,42	10395.19	0.0000 0.0000	105809.70	73.41	1 in 7 in 1
444		25252713	.30727	475.51	23742.86	0.0000	235961.83	27,54	.1.13
314		10055999	.00727	489.01	9195.74	0.0000 0.0000	91589.35	214	*****
303		21912917	.90727	493.95	19836.97	0.0000	197144.25	58.c7	
2:3		8456891	.00727	476.41	7627.24	0.0000	75801.20	57.45	9.a0%
502		13071790	.00727	502.82	11625.39				7,40% 
255		21866431	.00727	506.27		0.0000	115555.70	54,24	5.57%
354					19314.14	0.0000	191948.20	52.5.	8.5°.
334 277		15509823	.00727	506.77	13685.98	0.0000	13:014.25	52,31	1,55'.
450		.7112892	.00727	510.91	14977.68	0.0000	143551.55	51,15	E.2.'\
		.]699755	.00727	511.76	9349.52	9.0569	F2917.60	47, ""	\$4 <del>1</del> €
. 33		10082525	.09727	512.50	13871.51	0.0390	137845.15	-1,-,	7,54.
2:3		14774257	.00727	527.81	12517.28	0.0103	124379.55	41.75	c.EF.
355		25653507	.00727	532.34	22389.64	6.8339	222513.23	37.4č	0.451.
300		S1354357	.00727	542.26	25864.95	0.0000	257051.65	34.52	5.551.
242		8207005	.00727	549.91	6673.94	0.0066	6632±.05	30.70	5.02.
1.5		45462586	.90727	554.55	3აბ59.96	0.0005	364354.80	25.37	4.04%
220		19641709	.06727	556.58	8549.89	0.0000	84970.70	27,86	4,4€,
354		77577 <del>0</del> 0	.00727	574.99	7596.48	0.5000	75495.55	15.10	2,77,
210		172138011	.20727	1394.37	55205.22	6.0005	548641.75	-39:.54	11 × • 1
362	780.3	151714186	.00.727	947.66	47996.25	0.0000	475997.39	-icē.lā	3.27. 3.27. 3.37.
244	765.s	475247327	.00727	4585.79	47092.05	6.0000	469311.28	-2035.24	
215	c55.6	158378750	.03727	1473.94	42134.35	0.0000	418740.50	-431.82	1
303	e05.5	110847365	.80727	1330.90	E7Z44.31	0.0060	370142.15	-357.83	7.1
452	475.0	-65907958	.00727	970.73	30361.34	J.0000	301737.68	-175.7:	9.00%
374	475.0	41981130	.00727	622.85	30139.90	0.0000	279537.00	-5.78	8.50%
328		44532540	.00727	£80.87	29248.00	0.0000	290673.15	-84.78	6. 10,
-52		36456565	.00727	532.59	25772.60	9.0000	256134.70	-10.54	
22:		55155719	.06727	1953.03	24:9:.2:	9.0000	245436.25	****** ******	* **
=:		733.1651	17727	1575.21	23470.22	1,5105	235.6.61	-171.47	* **
		50425425	.30.727	661.25	20716.42	0.0000	20000000	-2-,	
332		24761225	.00727	819.44	18883.57	0.0000 0.0000	1572:7	-111.5	
151		20168874	.10727	674.62	17345.82	1.3600	172585.61		****
Žle		44148744	.03727	12:1.15	17345.82 15654.86	0.0000	1/2001.01	-11.01	
220		28655649	.00727	876.45	14620.93	9.0000			 
217		57832171	.00727	1940.48			145306.01	-132.36	3 4 5 5 4 3 4 5 5 7 8 7
277		18067,84	.00727		13280.10	0.0803	182040.80	-667.59	* * * *
207		1585443£		130.04	12824.83	9.9053	127456.05	-5,17	2.00
401	175.0		.00727	614.25	11553.88	0.0000	114724.40	-1.42	
		15502771	.00727	651.47	10641.23	0.6000	135754.50	-20.59	j.]['.
399		18988252	.00727	E09.65	10437.45	0.0001	104222.65	-92,,7	21
474		12794336	.00727	637.09	57EJ.40	0.0000	89245.80	-12.57	¥.(\$
207		61573700	.00717	3080.80	8937.40	9.0000	89-11-89	-1234.75	1.21.
475		10059001	.00727	:34.92	7594.21	0.3055	T4E(1.63	-11.24	23
405	114.	1037551	.09727	<b>655.27</b>	7819,49	0.0000	72744.73	-:	1111
424		15804675	.60727	850.52	7258.19	0.0000	72188.49	-115.21	
2.75	108.5	10255602	.00.727	±67.17	5673.54	8.0000	66526.15	-57,44	* × · × · × · · · · · · · · · · · · · ·
35.	51.0	19740580	.99727	874.04	5597.41	3.0006	55622.30	-131.37	
	157750.5	3879394675	.00727 ffa	141.12 Mn	9337694.12	7.0000 M	n 1:57578:8.55	H5.H 65	41,42,

